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U. S. Department of Agriculture



F&F

SALT SERIES

U. S. DEPARTMENT OF AGRICULTURE

1939



Greetings

"Just opposite the old Colonial Church" in Springfield, N. J., is more specific than it may appear, for the lovely old church has been there since the revolution and we have become well rooted "cross the way" during the span of more than a half century. Come to see our test gardens and nurseries, you will enjoy the day—and we like to meet folks.

Our prices are based upon the value of the plant offered—not upon its name and measurement. There is a vast difference in quality even though printed sizes may be alike. Our material has been given ample space for development, has been judiciously pruned and transplanted and is carefully dug and handled throughout.

A word about this book—it's difficult to arrive at maximum usefulness without being too encyclopedic. If we have omitted any points of information that would be generally useful to real gardeners please drop a hint.

As to plant material—quality is self evident, and we mean to maintain the high standard already established.

So, if this catalogue becomes your planting companion, then it will have accomplished one of its purposes.

F. & F. Nurseries

SPRINGFIELD



NEW JERSEY

TELEPHONE

MILLBURN 6-0152

Contents

	PAGE
Acid Soil, Plants for	123-124
Autumn Color, Plants for	131
Balling and Boxing Charges	135
Bank Plantings	122
Berry Bearing Trees and Shrubs	125-126
Bird Havens, Plants for	126
Broad Leaved Evergreens	128-129
Bulbs, Planting Calendar	134
Conditions of Sale	135
Crevices, Plants for	125
Deciduous & Evergreen Trees, Shrubs & Vines	2-92
Deciduous Shrubs	129-130
Delivery Schedule	135
Distinctive Bark, Plants with	126
Dry Soil, Plants for	122-123
Espalier Shrubs	127
Evergreen Conifers	127-128
Ferns	117
Fertilizers	117
Fertilizing Small Areas	117
Flowering Trees	131
Grass Seed	118
Ground Covers	125
Hedge Plants	126-127
Herbaceous Perennials	93-115
Herbs	116
Index	136
Insecticides	117
Mulching Table	117
Plant Combinations	132-133
Planting Distances	131
Pruning	134
Rock Garden Plants	120-121
Seashore Planting	130
Shade Trees	131
Shaded Situations, Plants for	121-122
Uncommon Plants	119
Vines	127
Wall Gardening	124
Wet Soil, Plants for	123
Yew Hedges	80



Deciduous and Evergreen Trees, Shrubs and Vines



The figures immediately following the name of each plant indicate the approximate height at maturity, which will vary considerably according to soil, exposure and other factors.

— A —

Each Ten Hundred

ABELIA grandiflora. 5'-6'

Glossy Abelia

HALF-EVERGREEN. Dainty bell-shaped shell-pink flowers produced throughout summer. The glossy privet-like foliage will persist all winter in a protected spot. Neat.

12 to 15 in.	4" pots.....	.60	.50	.40
1½ to 2 ft.	B. & B.....	.90	.80	

ABIES concolor. 50'-60'

White Fir

EVERGREEN. This "Queen of the Firs" is a handsome thing with large flat silvery-green needles that seem to become more blue with age. As a pyramidal accent plant it is splendid, it withstands city conditions and drought.

15 to 18 in.	B. & B.....	1.20	1.00	
1½ to 2 ft.	B. & B.....	1.75	1.50	1.35
2 to 2½ ft.	B. & B.....	2.50	2.25	2.00
2½ to 3 ft.	B. & B.....	3.75	3.30	
5 to 6 ft.	B. & B.....	6.75		

homolepis. 60'-70'

Nikko Fir

EVERGREEN. From the youthful broad-based pyramid this stately fir develops into a bold round-topped tree. Stiff lustrous green needles have silvery reverse. Hardy.

3 to 4 ft.	B. & B.....	5.00	4.50	
4 to 5 ft.	B. & B.....	6.50	6.00	
5 to 6 ft.	B. & B.....	8.00	7.00	
6 to 7 ft.	B. & B.....	10.00	9.00	
7 to 8 ft.	B. & B.....	12.00	11.00	
8 to 10 ft.	B. & B.....	15.00	13.50	
10 to 12 ft.	B. & B.....	18.00		

veitchi. 50'-60'

Veitch Fir

EVERGREEN. A rather dainty narrow pyramid of soft green. The silvery under side of needles is quite marked.

2½ to 3 ft.	B. & B.....	3.00	2.70	2.40
3 to 4 ft.	B. & B.....	4.25	4.00	3.60
4 to 5 ft.	B. & B.....	5.25		
5 to 6 ft.	B. & B.....	7.00		
6 to 8 ft.	B. & B.....	9.00		

ACANTHOPANAX pentaphyllum. 7'-8'

Five Leaf Aralia

Particularly useful for covering rocky slopes. Good bright green shining foliage, graceful arching habit.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.65	.60	.55
4 to 5 ft.	.....	.85	.75	

ACER

Each Ten Hundred

palmatum atropurpureum novum. 8'-10' Purple Japan Maple

The characteristic wine-red coloring is reasonably persistent throughout summer in this improved form. Makes a well-shaped, compact bush, and improves with age.

1	to	1½ ft.	B. & B.....	1.25	1.00	.90
1½	to	2 ft.	B. & B.....	1.75	1.50	1.25
2	to	2½ ft.	B. & B.....	2.50	2.25	2.00
2½	to	3 ft.	B. & B.....	3.50	3.00	2.75
3	to	4 ft.	B. & B.....	5.00	4.50	4.00
4	to	5 ft.	B. & B.....	7.50	6.75	6.00
5	to	6 ft.	B. & B.....	9.00	8.00	
6	to	7 ft.	B. & B.....	12.00	11.00	

— crispum. 10'-12' Crested Purple Japanese Maple

The foliage is more deeply and irregularly cut and the coloring lighter and fresher. Unfortunately not well-known.

1	to	1½ ft.	B. & B.....	1.25	1.00	.90
1½	to	2 ft.	B. & B.....	1.75	1.50	1.25
2	to	2½ ft.	B. & B.....	2.50	2.25	2.00
2½	to	3 ft.	B. & B.....	3.50	3.00	2.70
3	to	4 ft.	B. & B.....	5.00	4.50	4.00
4	to	5 ft.	B. & B.....	7.50	6.75	

— dissectum. 5'-6' Cutleaf Japanese Maple

Deeply cut leaves impart a lacy, soft appearance to the flat-topped low spreading bush. Grows very slowly, but at maturity is a characterful billowy mound of fresh green.

1	to	1½ ft. spread,	B. & B.....	2.50	2.25	
1½	to	2 ft. spread,	B. & B.....	4.00	3.50	
2	to	2½ ft. spread,	B. & B.....	6.00	5.25	
2½	to	3 ft. spread,	B. & B.....	8.00		

— — purpureum. 5'-6' Purple Cutleaf Maple

Differs from the green, only in having wine-stained foliage.

1	to	1½ ft. spread,	B. & B.....	2.50	2.25	1.75
1½	to	2 ft. spread,	B. & B.....	4.00	3.50	3.00
2	to	2½ ft. spread,	B. & B.....	6.00	5.25	4.80
2½	to	3 ft. spread,	B. & B.....	8.00	7.20	

— filicifolium. 8'-10' Fernleaf Japanese Maple

Somewhat irregular in outline, between the cutleaf form and the type with graceful airy green foliage.

2	to	2½ ft.	B. & B.....	3.00	2.70	
2½	to	3 ft.	B. & B.....	4.00	3.60	
3	to	4 ft.	B. & B.....	6.00	5.40	

— nigrum. 10'-12' Darkest Purple Form

This is nearest to a purple maple. Vigorous, holds color.

1	to	1½ ft.	B. & B.....	1.25	1.00	.90
1½	to	2 ft.	B. & B.....	1.75	1.50	1.25
2	to	2½ ft.	B. & B.....	2.50	2.25	2.00
2½	to	3 ft.	B. & B.....	3.50	3.00	2.70
3	to	4 ft.	B. & B.....	5.00	4.50	4.00
4	to	5 ft.	B. & B.....	7.50	6.75	
5	to	6 ft.	B. & B.....	9.00	8.00	
6	to	7 ft.	B. & B.....	12.00	11.00	

pennsylvanicum. 30'-35' Striped Maple

The green bark is lined with striking white stripes.

3	to	4 ft.	.....	1.00		
4	to	6 ft.	.....	1.75		
6	to	8 ft.	.....	2.50		

Consult our list of "forgotten plants" on page 119.

ACER—Continued

Each Ten Hundred

platanoides. 60'-80'**Norway Maple**

Probably the easiest tree to transplant successfully. Throws a dense shade, so must be trimmed high if grass is to grow under it. Holds its green foliage until late.

8	to 10	ft.	.....	2.00	1.75	1.35
8	to 10	ft., 1¼ to 1½	in....	2.50	2.25	2.00
9	to 10	ft., 1½ to 1¾	in....	3.00	2.70	2.40
10	to 12	ft., 1¾ to 2	in....	4.00	3.50	3.00
12	to 14	ft., 2 to 2½	in....	5.25	4.50	4.00
12	to 14	ft., 2½ to 3	in....	7.00	6.25	5.50
14	to 16	ft., 3 to 3½	in....	10.00	9.00	8.00
16	to 18	ft., 3½ to 4	in....	13.50	12.00	
18	to 20	ft., 4 to 5	in....	20.00	18.00	

—schwedleri. 60'-80'**Schwedler Maple**

The young leaves are bright red, but as summer approaches turn to a rich dark green with a suggestion of purple in them. This brightens up again in autumn.

10	to 12	ft., 1½ to 1¾	in....	4.00	3.60	
10	to 12	ft., 1¾ to 2	in....	5.00	4.50	
12	to 14	ft., 2 to 2½	in....	6.00	5.40	
12	to 14	ft., 2½ to 3	in....	8.00		

rubrum. 80'-100'**Red Maple**

A well-loved native so noticeable in spring, when the fiery red blossoms cover the branches, and again in autumn, when the vivid scarlet dress is a high spot. Ordinarily found in low places but succeeds well in high land too.

8	to 10	ft., 1¼ to 1½	in....	3.00	2.75	
9	to 10	ft., 1½ to 1¾	in....	4.25	3.75	
10	to 12	ft., 1¾ to 2	in....	5.50	5.00	
12	to 14	ft., 2 to 2½	in....	7.00	6.25	
12	to 14	ft., 2½ to 3	in....	9.00		
16	to 18	ft., 5 to 6	in....	25.00		

saccharum. 100'**Sugar Maple**

Quite a princely tree dissatisfied with city life, but assumes noble proportions in clear atmosphere. The autumn colors ranging through all the fiery tones make this, for spectacularly beautiful foliage effects, the most glorious of all trees.

8	to 10	ft., 1¼ to 1½	in....	3.00	2.70	2.40
9	to 10	ft., 1½ to 1¾	in....	3.75	3.30	3.00
10	to 12	ft., 1¾ to 2	in....	4.50	4.00	3.60
12	to 14	ft., 2 to 2½	in....	6.00	5.25	4.75
12	to 14	ft., 2½ to 3	in....	9.00	8.00	7.00
14	to 16	ft., 3 to 3½	in....	13.50	12.00	
16	to 18	ft., 3½ to 4	in....	18.00		

spicatum. 15'-20'**Mountain Maple**

If used only for its gay autumn dress, a well worth-while little tree. The bunches of red-winged fruits are interesting.

2	to 3	ft.	.....	1.00	.90	
3	to 4	ft.	.....	1.50	1.35	
4	to 5	ft.	.....	2.00	1.80	
5	to 6	ft.	.....	2.75		

ACTINIDIA arguta. 30' Vine.**Bower Actinidia**

Rich green leaves—greenish white flowers—yellow berries—and rapid growth are the main characteristics.

2 year	.....	.60	.50	.40
3 year	.....	.90	.75	.60

AESCULUS**hippocastanum rubicunda. 40'-50'****Pink Horsechestnut**

Great trusses of deep pink flowers are held aloft each spring decorating the formal roundish pyramid like a Christmas tree.

7	to 8	ft.	4.50		
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AESCULUS—Continued

Each Ten Hundred

parviflora. 9'-10'**Bottlebush Buckeye**

Truly a handsome shrub. It gradually spreads into a large mound much broader than high over which the refined horsechestnut leaves are mantled, serving as an excellent foil for the erect spikes of creamy-white flowers. Slow.

1 to 1½ ft.	1.35	1.20
1½ to 2 ft.	1.80	1.65
2 to 3 ft.	2.25	
3 to 4 ft.	3.00	

AKEBIA quinata. 15'-20' Vine.**Five Leaf Akebia**

A light lacy effect is produced by this dainty vine, and the subtle fragrance of the purple-brown flowers is attractive.

2 year .....	.50	.40	.30
3 year .....	.70	.60	.50

AMELANCHIER canadensis. 25'**Downy Shadblow**

The flurry of pure white flowers is the forerunner of spring—most noticeable in our native woods where this dainty denizen is sparsely scattered. Birds relish the dark purple fruits. The young leaves are hairy on both sides.

1½ to 2 ft. ....	.70	.60
2 to 3 ft. ....	.90	.75
3 to 4 ft.	1.25	1.00
4 to 5 ft.	1.50	1.35

laevis. 30'**Alleghany Shadblow**

The smooth bronzy red, young foliage, and reddish bracts emphasize the beauty of gracefully drooping bunches of glistening white flowers. A variable but handsome shrub.

3 to 4 ft.	1.50	
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stolonifera. 4'-5'**Dwarf Shadblow**

This dwarf form develops by underground stems into a large mass. Has typical dainty pure white flowers, a beautiful picture in very early spring. Endures shade.

1½ to 2 ft. ....	.70	.60
2 to 3 ft. ....	.90	.80

AMORPHA canescens. 2'-3'**Lead Plant**

So called because of the grayish covering on the stems. Very small leaflets and dense habit create fine soft texture and when the terminal spikes of blue flowers cram the little bush it is a most interesting and handsome plant. Prefers a sunny well drained situation.

15 to 18 in.60	.55
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AMPELOPSIS aconitifolia. 15'-20' Vine.**Monkshood Vine**

Curiously shaped leaves somewhat similar to monkshood and orange berries are the features of this scarce vine.

2 year75	
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heterophylla. 30'-40' Vine.**Porcelain Ampelopsis**

Quite similar to Monkshood vine but has blue berries.

3 year75	.60	.50
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quinquefolia. 40' Vine.**Woodbine**

A handsome woodbine used for autumnal effects. Vigorous.

2 year50	.45	
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tricuspidata (veitchi). 40'-50' Vine.**Boston Ivy**

Probably the most popular self-clinging vine. Handsome.

2 year50	.45	.40
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AMPELOPSIS tricuspidata—Continued Each Ten Hundred— **lowi. 6'-8' Vine.****Geranium Creeper**

A miniature edition of the Boston Ivy, clings closely and colors beautifully in fall. The thick-looking leaves are curiously twisted. Splendid on low walls for a tracery.

2 year, 2½" pots .....	.45	.40	.35
3 year, 3" pots .....	.60	.50	.45

AMYGDALUS persica. 12'-15'**Double Flowering Peach**

Really a glorious flowering form of our plain garden peach.

White	Red	Pink
4 to 5 ft.	1.00	.90
5 to 6 ft.	1.35	1.20

ARCTOSTAPHYLOS uva-ursi. 4"-6"**Bearberry**

EVERGREEN. Forms a mat of green on the hot sandy banks of South Jersey, but seems to prefer some shade in cultivation. When the large red berries are in evidence it is particularly attractive. Must have acid soil.

3 year potgrown60	.50	.45
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ARONIA arbutifolia. 8'-10'**Red Chokeberry**

The handsome foliage assumes rich red tones in autumn and the brilliant red berries persist until the birds get really hungry. Prefers a moist place and should be pruned to overcome legginess. A grand shrub.

1½ to 2 ft. ....	.60	.50	.45
2 to 3 ft. ....	.75	.65	.60
3 to 4 ft. ....	.90	.80	.70
4 to 5 ft.	1.20	1.00	

melanocarpa. 3'-4'**Black Chokeberry**

This black fruited form is more bushy and the foliage assumes brighter tints in autumn. White flowers practically cover the branches in May. Unfortunately the berries shrivel in dry seasons but birds love them.

1½ to 2 ft. ....	.60	.50	.45
2 to 3 ft. ....	.75	.65	.55

— **grandiflora. 8'-9'****Great Black Chokeberry**

This vigorous relative has slightly larger flowers and fruits and while taller is not quite so bushy or neat.

2 to 3 ft. ....	.75	.65	.60
3 to 4 ft. ....	.90	.80	

AZALEA amoena. 4'-6'**Amoena Azalea**

EVERGREEN. Grows broader than tall with good compact habit. The small box like leaves take on a warm bronzy hue in winter, but in spring a mantle of magenta flowers is the striking feature. Most hardy evergreen form.

12 to 15 in. spread, B. & B....	1.35	1.20
15 to 18 in. spread, B. & B....	2.00	1.80
1½ to 2 ft. spread, B. & B....	2.75	2.50
2 to 2½ ft. spread, B. & B....	4.00	3.50
2½ to 3 ft. spread, B. & B....	6.00	5.50
3 to 3½ ft. spread, B. & B....	10.00	9.00
3½ to 4 ft. spread, B. & B....	14.00	
4 to 5 ft. spread, B. & B....	20.00	

— **coccinea. 4'-5'****Red Amoena Azalea**

EVERGREEN. Quite an improvement in color (almost vermillion) and just as dependable as the type.

12 to 15 in. spread, B. & B....	2.00
15 to 18 in. spread, B. & B....	3.00

AZALEA—Continued

Each Ten Hundred

arborescens. 15'-18'**Sweet Azalea**

The exquisitely fragrant white or blush flowers are among the latest of Azaleas to be seen in June. Succeeds in moist or well drained places. Eventually becomes gnarled.

1½ to 2 ft.	B. & B.....	2.75	2.50	2.25
2 to 2½ ft.	B. & B.....	3.75	3.30	3.00
2½ to 3 ft.	B. & B.....	5.00	4.50	

calendulacea. 10'-12'**Flame Azalea**

Possibly the most brilliant of our native shrubs, the flowers vary from orange to scarlet in late May. Drained acid soil.

15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	2.50	2.25	2.00
2 to 2½ ft.	B. & B.....	3.50	3.25	3.00
2½ to 3 ft.	B. & B.....	4.50	4.25	4.00
3 to 4 ft.	B. & B.....	6.00	5.50	

hinodegiri. 4'-5'**Hinodegiri Azalea**

EVERGREEN. This is THE red Azalea which in May is actually covered in a blanket of vivid carmine flowers. The foliage is lighter green and larger than that of "Amoena" and has a richer bronzy color in winter. A fine spot plant.

6 to 9 in. spread,	B. & B.....	.90	.80	.70
9 to 12 in. spread,	B. & B.....	1.20	1.00	.90
12 to 15 in. spread,	B. & B.....	2.00	1.80	1.65
15 to 18 in. spread,	B. & B.....	3.00	2.70	
1½ to 2 ft. spread,	B. & B.....	4.50		
2 to 2½ ft. spread,	B. & B.....	7.00		
2½ to 3 ft. spread,	B. & B.....	12.00		
3 to 3½ ft. spread,	B. & B.....	16.00		

hinomayo. 4'-6'**Pink Japan Azalea**

EVERGREEN. Even though not quite evergreen in exposed places the lovely soft pink flowers justify its inclusion in a border. Really worthy of a little extra trouble.

12 to 15 in.	B. & B.....	3.00	2.70	
15 to 18 in.	B. & B.....	3.75		

kaempferi. 4'-6'**Torch Azalea**

From salmon-pink to orange-red, the flowers transform this shrub into a thing of beauty. In a slightly shaded sheltered spot, it is almost evergreen, and the color of the flowers is preserved. Has successfully withstood our worst winters.

12 to 15 in.	B. & B.....	1.50	1.35	1.20
15 to 18 in.	B. & B.....	2.00	1.80	1.50
1½ to 2 ft.	B. & B.....	2.50	2.25	2.00
2 to 2½ ft.	B. & B.....	3.25	3.00	2.70
2½ to 3 ft.	B. & B.....	4.00	3.60	3.25
3 to 3½ ft.	B. & B.....	5.50	5.00	4.50
3½ to 4 ft.	B. & B.....	8.00	7.20	
4 to 5 ft.	B. & B.....	12.00		

—hybrids. 3'-4'**Cleopatra, Fedora, Othello**

HALF-EVERGREEN. Generally speaking, these hybrids have a lower, more bushy habit and the brilliant orange tints are missing. 'Tis a gloriously handsome family tho!

12 to 15 in.	B. & B.....	2.00	1.80	
15 to 18 in.	B. & B.....	2.50	2.25	
1½ to 2 ft.	B. & B.....	3.25	3.00	
2 to 2½ ft.	B. & B.....	4.00	3.60	

ledifolia (indica alba.)**Snow Azalea**

EVERGREEN. And particularly useful in combination with "hinodegiri," as the large dazzling white flowers appear at the same time. Give it a favored spot, it will pay well.

12 to 15 in.	B. & B.....	2.75	2.50	
15 to 18 in.	B. & B.....	3.50	3.25	

AZALEA—Continued

Each Ten Hundred

macrantha. 3'-4'**Red Salmon Azalea**

EVERGREEN. A low growing form with single red flowers and clean shiny leaves—continues to bloom until late May, needs shelter for sure results. A neat compact shrub.

15 to 18 in.	B. & B.....	3.75
1½ to 2 ft.	B. & B.....	5.00

mollis. 4'-5'**Chinese Azalea**

The mass of delicately shaded large bell-shaped flowers running through orange and red tones make a display worth waiting for each May. Succeeds best in sunny place.

12 to 15 in.	B. & B.....	2.25	2.00
15 to 18 in.	B. & B.....	3.00	2.70
1½ to 2 ft.	B. & B.....	4.00	3.60
2 to 2½ ft.	B. & B.....	5.25	

mucronulata. (dahuricum) 5'-6'**Dahurian Azalea**

A welcome sight in March is the exquisitely frilled rosy-purple flowers—in pleasing contrast to the Forsythia.

15 to 18 in.	B. & B.....	1.75	1.65
1½ to 2 ft.	B. & B.....	2.25	2.00
2 to 2½ ft.	B. & B.....	3.00	2.70
2½ to 3 ft.	B. & B.....	4.00	3.60
3 to 3½ ft.	B. & B.....	5.50	5.00

audiflora. 6'-7'**Pinxterbloom**

The fragrance of this "wild honeysuckle" quickly betrays its home in light woods where the variable pink flowers are eagerly sought in May. Does well in the open sun too.

15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	2.75	2.50
2 to 2½ ft.	B. & B.....	3.75	3.30
2½ to 3 ft.	B. & B.....	5.00	4.50
3 to 4 ft.	B. & B.....	6.50	6.00
4 to 5 ft.	B. & B.....	8.00	7.00

pontica. 6'-8'**Pontic Azalea**

A fine old kind with rich yellow trumpet-shaped fragrant flowers borne in clusters at the tips of the bare branches.

9 to 12 in.	B. & B.....	1.50	1.35	1.20
12 to 15 in.	B. & B.....	2.25	2.00	1.80
15 to 18 in.	B. & B.....	3.00	2.70	2.40
1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.25	4.80	

poukhanensis. 4'-5'**Korean Azalea**

Almost a blue Azalea. Fine large blooms sweetly scented scattered over the spreading bush — effective with Forsythia. Stays well within bounds. A lovely thing!

12 to 15 in.	B. & B.....	2.25	2.00	1.80
15 to 18 in.	B. & B.....	3.00	2.70	2.50
1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.25	4.80	
2½ to 3 ft.	B. & B.....	7.00		

— yodogawa. 4'-5'**Yodogawa Azalea**

In May this bush is actually a dense bouquet of double lavender-pink flowers with no foliage visible at all. Be sure to get the free-flowering type. Perfectly hardy.

12 to 15 in. spread,	B. & B.....	2.00	1.80	1.50
15 to 18 in. spread,	B. & B.....	2.75	2.50	2.25
1½ to 2 ft. spread,	B. & B.....	3.75	3.30	3.00
2 to 2½ ft. spread,	B. & B.....	5.00		

AZALEA—Continued

Each Ten Hundred

rosea. 6'-7'**Downy Pinxterbloom**

Possibly brighter pink and, with us, slightly more compact than "nudiflora," otherwise similar in leaf habit and flower. Best in a slightly shaded moist spot with acid soil.

15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	2.75	2.50
2 to 2½ ft.	B. & B.....	3.75	3.30
2½ to 3 ft.	B. & B.....	5.00	4.50

schlippenbachii. 6'**Royal Azalea**

Appropriately named—for this shapely shrub is indeed a regal sight in spring, when the large pink flowers adorn the purple-brown twigs. Even for its autumn effect alone, it is decidedly worthwhile, with crimson and gold leaves.

12 to 15 in.	B. & B.....	2.50	2.25
15 to 18 in.	B. & B.....	3.25	3.00
2½ to 3 ft.	B. & B.....	8.00	

vaseyi. 10'-12'**Pinkshell Azalea**

A most exquisite thing when the pure pink flowers open in early May—apparently just lightly resting in the bare twigs, its beauty is breath-taking. Happiest on margin of woods, where the soil is rather moist and acid.

15 to 18 in.	B. & B.....	2.25	2.00	1.80
1½ to 2 ft.	B. & B.....	3.00	2.70	2.40
2 to 2½ ft.	B. & B.....	4.00	3.60	3.30
2½ to 3 ft.	B. & B.....	5.25	4.80	4.25
3 to 4 ft.	B. & B.....	6.50	6.00	5.25
4 to 5 ft.	B. & B.....	9.00		

viscosa. 9'-10'**Swamp Azalea**

Another beautiful native which offers its fragrant white, or occasionally tinged pink flowers in late June. Generally found in boggy woods, but does not object to upland home.

3 to 4 ft.	B. & B.....	6.00	5.40
4 to 5 ft.	B. & B.....	8.00	7.20
5 to 6 ft.	B. & B.....	10.00	9.00

yayegiri. 3'-4'**Salmon Azalea**

EVERGREEN. Semi-double (hose-in-hose) flower varying from deep salmon to a bright orange red—a cheerful color. Well deserves the slight protection needed against zero.

2 to 2½ ft.	B. & B.....	4.00
2½ to 3 ft.	B. & B.....	5.00
3 to 3½ ft.	B. & B.....	7.50



"Magnolia gardens" are just as possible here as in the South—just look at the enviable collection on pages 47 to 49 all perfectly hardy and easily grown—fit companions for Azaleas.

—B—

	Each	Ten	Hundred
BENZOIN <i>aestivale</i>. 12'-15'			Spice Bush
The yellow mist seen along the streams in April is the Benzoin's welcome to spring and later on you will find loads of glistening scarlet berries, which like the rich foliage are spicily fragrant when crushed. Very informal.			
1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.60	.50	.40
3 to 4 ft. ....	.75	.65	.55
4 to 5 ft.	1.00	.90	
BERBERIS <i>aggregata pratti</i>. 8'-10'			Pratt Barberry
Numerous bunches of salmon-red fruits make this worthy.			
1 to 1½ ft. ....	.60	.55	
1½ to 2 ft. ....	.75		
5 ft. specimens, B. & B.....	5.00		
<i>chenaulti</i>. 3'-4'			Chenault Barberry
EVERGREEN. In general appearance similar to, but larger than the Warty Barberry. Glossy green foliage is whitish underneath and its compact neat habit is sufficient recommendation. A really fine addition to this family.			
12 to 15 in. B. & B.....	2.00		
<i>gagnepaini</i>. 4'-5'			Black Barberry
EVERGREEN. The spiny edged evergreen leaves are very narrow with pale-green underside. The winter foliage is a warm coppery purple that densely clothes the whole bush. Certainly in the top rank. Clusters of bright yellow flowers, preceding the black fruits, are quite attractive. One of the parents of Chenault Barberry.			
12 to 15 in. B. & B.....	1.50	1.35	
15 to 18 in. B. & B.....	2.25	2.00	
1½ to 2 ft. B. & B.....	2.75		
<i>julianae</i>. 6'-7'			Wintergreen Barberry
EVERGREEN. A vigorous fellow, rich in color. Deep green lustrous leaves turning vivid scarlet before they fall. Hearty yellow flowers purplish fruits, and in spring the wine stained young shoots top the bush. Good for hedge.			
1 to 1½ ft. B. & B.....	.90	.80	.75
1½ to 2 ft. B. & B.....	1.35	1.20	1.00
2 to 2½ ft. B. & B.....	2.25	2.00	
2½ to 3 ft. B. & B.....	2.75	2.40	
5 ft. specimens B. & B.....	10.00		
<i>neuberti latifolia (ilicifolia)</i>. 5'-6'			Broad Leaf Barberry
HALF-EVERGREEN. Dull green holly-like leaves last until January then turn brown. A fine plant for that arid spot.			
2 to 2½ ft.	1.35	1.20	
2½ to 3 ft.	2.00	1.80	
<i>sieboldi</i>. 4'-5'			Siebold Barberry
Particularly attractive in spring when the purplish leaves are unfolding and again when they change to a vinous red in autumn. The large shiny red berries retain color.			
15 to 18 in. ....	.65		
<i>thunbergi</i>. 5'-7'			Japanese Barberry
Keep the old wood cut out and you will have a wonderful display of berries every year. Good for hedge or border.			
Bushy plants:		Ten	H'dr'd Th's'nd
12 to 15 in. ....	.18	.15	.12
15 to 18 in. ....	.22	.18	.15
1½ to 2 ft. ....	.30	.25	.20
2 to 2½ ft. ....	.40	.35	.30

BERBERIS thunbergi—Continued

Each Ten Hundred

— **atropurpurea. 5'-6'**

Redleaf Japanese Barberry

Needs sun to bring out the purple coloring of the foliage.

12 to 15 in. ....	.30	.27	.22
15 to 18 in. ....	.45	.36	.30
1½ to 2 ft. ....	.60	.50	.40
2 to 2½ ft. ....	.75	.65	

— **minor. 2'-3'**

Box Barberry

When used as a close-clipped formal hedge the compact habit is seen to advantage. Similar except size to type.

9 to 12 in. ....	.35	.30	.25
12 to 15 in. ....	.45	.40	.35

triacanthophora. 4'-5'

Threespine Barberry

EVERGREEN. Really a handsome evergreen shrub. The narrow two inch leaves are surprisingly white underneath and the graceful branching arrangement displays the unusual whitish flowers and black fruits nicely. This has done well with us in hot sun as well as in half-shade.

12 to 15 in. B. & B.....	1.20	1.10	
15 to 18 in. B. & B.....	1.80	1.65	
1½ to 2 ft. B. & B.....	2.25	2.00	

vernae. 5'-6'

Vernae Barberry

From the standpoint of fruits the most beautiful of all the family. The vigorous stems arch over and in June are closely studded with little bunches of rich yellow flowers which give way to the coral-red bloom covered berries bearing down the branches resembling miniature grapes.

1 to 1½ ft. ....	.90	.80	
1½ to 2 ft.	1.35	1.20	
2 to 3 ft.	1.80	1.65	
3 to 4 ft.	2.50		
4 to 5 ft. specimens B. & B.	10.00		

verruculosa. 3'

Warty Barberry

EVERGREEN. The aristocrat of Barberries, this evergreen develops into a compact mound densely covered with rich lustrous green foliage that reminds one of miniature English Holly leaves with a whitish underside. In spring the branches are strung with little golden cups nodding on half inch threads. These fragrant flowers are followed by bloomy black fruits. A splendid low hedge plant.

12 to 15 in. B. & B.....	1.80	1.65	1.50
15 to 18 in. B. & B.....	2.25	2.00	1.80
1½ to 2 ft. B. & B.....	2.75	2.50	
2 to 2½ ft. B. & B.....	3.30	3.00	

vulgaris. 8'-9'

European Barberry

This handsome foreigner has become naturalized here and is most adaptable. The long drooping clusters of yellow flowers are followed by brilliant red oblong-shaped berries arranged most effectively along the arching branches. Although handsome at all times the inch long leaves are glorious in their purple and red autumn dress.

1½ to 2 ft. ....	.50	.40	.35
2 to 3 ft. ....	.60	.50	
3 to 4 ft. ....	.75		

— **purpurea. 8'-9'**

Purple Barberry

Quite similar to the type in all respects but the full blooded purple-red foliage. The three parted spines are just as formidable; berries seem slightly deeper in color.

1½ to 2 ft. ....	.60	.50	
2 to 3 ft. ....	.75	.65	

BERBERIS—Continued

Each Ten Hundred

wilsoni subcaulialata. 5'-6'**Wilson Barberry**

HALF-EVERGREEN. The dense clusters of golden yellow flowers justify use of this species as a flowering shrub, and when the lovely salmon pink fruits bejewel the angled branches it is an exquisite thing. Narrow inch long leaves are almost white underneath and in a sheltered spot will stay on all winter.

2	to	3	ft.	B. & B.....	2.25
3	to	4	ft.	B. & B.....	3.00

BETULA alba. 40'-50'**European White Birch**

Creamy white bark most effective against a background of evergreen. Has charming graceful habit, most adaptable.

4	to	6	ft.	.....	1.80	1.65
6	to	8	ft.	.....	2.25	2.00
8	to	10	ft.	.....	3.00	2.70

— fastigiata. 20'-25'**Columnar White Birch**

Grows amazingly like a Lombardy Poplar and in time forms a dense rugged column of dark green leaves. White bark.

4	to	6	ft.	B. & B.....	3.50
6	to	8	ft.	B. & B.....	5.00
8	to	10	ft.	B. & B.....	7.00
12	to	14	ft.	B. & B.....	15.00

— laciniata. 30'-40'**Weeping Cutleaf Birch**

Deeply cut leaves and fountain-like arrangement of the drooping branches make this a justly popular lawn subject.

6	to	8	ft.	.....	3.00	2.70
8	to	10	ft.	.....	4.00	3.60

— youngi. 8'-15'**Young's Weeping Birch**

The slender branches assume surprising positions, curving-inverted, yet graceful and most interesting eventually forming a broad picturesque mass, for large rock garden.

4	to	5	ft.	B. & B.....	5.00
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nigra. 80'-100'**River Birch**

Commonly found growing along river banks, sometimes in clumps. The ragged brown papery bark is distinctive.

6	to	8	ft.	.....	2.25	2.00
8	to	10	ft.	.....	3.25	3.00
10	to	12	ft.	.....	4.50	4.00
12	to	14	ft.	.....	5.75	5.25
14	to	16	ft.	.....	7.50	6.75

papyrifera. 80'-90'**Canoe Birch**

The characteristic white bark is not evident until the trunk is three or four inches thick, but it is the cleanest white of all. A handsome long-lived tree in Adirondack region.

10	to	12	ft., 1¼ to 1½ in....	3.50
12	to	14	ft., 2 to 2½ in....	6.00
12	to	14	ft., 2½ to 3 in....	9.00
14	to	16	ft., 3 to 4 in....	12.00

populifolia. 35'-40'**Gray Birch**

This "Queen of the Woods" is generally seen in clumps, two or three white trunks rising gracefully from the ground and swaying in the breeze. Small foliage quivers at the slightest breeze. Particularly effective with dark evergreens.

8	to	10	ft. clumps, B. & B....	6.00	5.40
10	to	12	ft. clumps, B. & B....	7.50	6.75

BIGNONIA Each Ten Hundred

grandiflora Mad. Gallen. 25'-30' **Vine. Gallen Trumpet Vine**

A deeper colored form with bunches of gorgeous flowers.

2 year .....	.90	.80
3 year	1.25	1.10
4 to 6 ft. specimens, B. & B.	4.50	

radicans. 60'-80' Vine. Trumpet Vine

The striking scarlet trumpets can be seen in most early settlements, sometimes as bush specimens or vast tall vines.

2 year .....	.35	.30	.25
3 year .....	.50	.40	.30

BUDDLEIA alternifolia. 8'-10' Alternate Leaf Buddleia

Lilac purple flowers literally cover the wide spreading arching branches. Distinct habit, leaves grayish beneath.

2 year50	.45
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davidi veitchi. 10'-12' Butterfly Bush

Gray-green foliage, rich lavender spikes of flowers and yellow butterflies fluttering above the bush is a typical summer picture from June to September. Apt to die down somewhat in winter, but gets larger and better.

2 year40	.35	.30
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— **Ile de France. 4'-5' Hybrid Butterfly Bush**

The vivid rosy-purple six inch flower spikes are arresting and being sweetly fragrant insure popularity of this compact shrub. An annual pruning will produce more flowers.

2 year50	.40	.35
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BUXUS sempervirens angustifolia. 2'-3' Willow Box

EVERGREEN. Quite distinct and hardy. Forms a low flattish bush composed of many slender branches rather than main stem. Has survived very low temperatures here.

4 to 6 in. ....	.35	.30
6 to 8 in. ....	.50	.45
15 to 18 in. B. & B.....	3.00	

— **arborescens. 15'-20' Tree Box**

EVERGREEN. Apparently the hardiest of Boxwoods—and the tallest growing form, although it does take a lifetime to develop its real character. Assumes rugged unusual shapes well clothed with inch long black-green leaves which exude the typical delicious elusive fragrance.

5 to 6 ft. B. & B.....	21.00
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— **suffruticosa. 5'-6' Dwarf Bush Boxwood**

EVERGREEN. Like wine this beloved plant improves with age, gradually becoming part of the family, and is passed down as an heirloom. In youth it makes good headway, but slows down year by year until it reaches three or four feet, after which it increases imperceptibly. Everyone knows the delicious boxwood smell most apparent in this dwarf kind. The small round deep green leaves withstand city conditions. A dwarf boxwood hedge which can start at three inches is practically a permanent institution.

Specimens 2½ to 4 ft. B. & B..... 100.00 to 300.00 each

Try Mertensia and Trillium with your Daffodils.

—C—

CALLICARPA purpurea. 4'-5' **Chinese Beautyberry**

Little bunches of shiny deep mauve berries are studded along the willowy branches, an attractive thing for cutting.

	Each	Ten	Hundred
1½ to 2 ft. ....	.35	.30	.27
2 to 3 ft. ....	.45	.40	.35
3 to 4 ft. ....	.55	.50	.45

CALLUNA vulgaris. Rose.

	Heather
— alba. White.	White Heather
— alba minor. White.	Dwarf Heather
— alba pilosa. White	Silky Heather
— alporti. Deep rose.	Alport Heather
— compacta. Lavender.	Compact Heather
— humilis. White.	Low Heather
— rosea. Pink.	Pink Heather
— rubra. Dark rose.	Red Heather

Quoting a Scottish friend, "A Scottish glen with a background of mountains, the mists clinging to their tops and the purple bloom of the heather sweeping up into the gray tones," what a picture! And these hardy evergreen ground covers on a well-drained sunny slope can be as effective here. An occasional pruning will keep them neat.

6 to 9 in. B. & B.....	.70	.65	.55
9 to 12 in. B. & B.....	1.00	.90	.75

CALYCANTHUS floridus. 8'-9' **Common Sweet Shrub**

Red-brown flowers, foliage and even the peculiar seeds, all give off a spicy fragrance. A neat old-fashioned shrub.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.65	.60	.50
4 to 5 ft. ....	.90		

CARPINUS betulus. 50'-60' **European Hornbeam**

Even a single tree with its blue-gray smooth bark, muscular wood and clean foliage is worth while, but as a hedge plant with brown leaves persisting it excels.

2 to 3 ft.	1.50	1.35	1.20
3 to 4 ft.	2.25	2.00	1.80
4 to 5 ft.	3.50	3.00	
5 to 6 ft.	5.00	4.50	

— **pyramidalis. 30'-40'**

Pyramid Hornbeam

So called because the many branches crowd together from the base upward. Scarce and decidedly worthwhile.

12 to 14 ft. B. & B.....	24.00
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CARYOPTERIS incana. 1½'-2'

Blue Spirea

A bushy half herbaceous shrub which covers itself with lacy lavender flowers in September and October. Very effective against the gray-green leaves. Sheltered spot is best.

2 year40	.32	.24
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CEDRUS atlantica glauca. 60'-70'

Blue Atlas Cedar

EVERGREEN. Silvery-blue needles cover the branches. Grows slowly and should have a favored spot—its worth it.

2 to 3 ft. B. & B.....	4.50
3 to 4 ft. B. & B.....	6.00
8 to 10 ft. B. & B.....	24.00
10 to 12 ft. B. & B.....	30.00

CEDRUS—Continued

Each Ten Hundred

libani. 60'-80'**Cedar of Lebanon**

Dignity is inherent in this historical old tree. The youthful pyramidal form gradually gives way to a more stately picturesque flat-topped tree with few far reaching horizontal branches. The light green rather short needles are arranged in tufts along the branches. Give it room.

12 to 14 ft.	B. & B.....	36.00
14 to 16 ft.	B. & B.....	50.00

CELASTRUS orbiculatus. 30'-35'**Oriental Bittersweet**

Can be identified by the brilliant red and yellow fruits being borne in short stemmed clusters in axils of leaves.

2 year35	.30	.25
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scandens. 20'-25'**American Bittersweet**

Not quite so vigorous or prolific but the long terminal bunches of typical fruits are just as effective as the Oriental.

2 year .....	.35	.30	.25
3 year .....	.50	.45	.40

CEPHALANTHUS occidentalis. 12'-15'**Button Bush**

You will find this native growing actually in water where the rich green leaves show off the fuzzy round heads of white flowers to perfection in July and August. Very bushy.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.60	.50	.45
3 to 4 ft. ....	.75		

CERCIDIPHYLLUM japonicum. 70'-80'**Katsura Tree**

From a slender youth this tree develops into a magnificent spreading tree at maturity. Purple tinged heart shaped foliage is beautiful in spring and again in golden autumn.

8 to 10 ft.	B. & B.....	8.00
10 to 12 ft.	B. & B.....	12.00
12 to 15 ft.	B. & B.....	15.00

CERCIS canadensis, 20'-25'**American Redbud**

Small rosy pink pea shaped flowers almost cover the bare branches in April. Beautiful with cedars and dogwood.

2 to 3 ft. ....	.70	.60
3 to 4 ft. ....	.90	.80
4 to 5 ft.	1.20	1.00

chinensis. 8'-10'**Chinese Redbud**

A more shrubby relative with larger flowers of a slightly darker rosy purple shade. Good foliage too. Early April.

1½ to 2 ft. ....	.65	.60	.55
2 to 3 ft. ....	.90	.80	.70
3 to 4 ft.	1.35	1.20	

CHAMAECYPARIS (RETINOSPORA)**ALL EVERGREEN****obtusa. 30'-35'****Hinoki Cypress**

Lustrous deep green foliage on rather open fronds. A graceful bushy pyramid here but a timber tree in Japan.

7 to 8 ft.	B. & B.....	10.00
8 to 10 ft.	B. & B.....	13.50

—, crispisi. 8'-10'**Cripps Golden Cypress**

Probably the brightest yellow form; grows slowly. Hardy.

4 to 5 ft.	B. & B.....	6.75
5 to 6 ft.	B. & B.....	8.25
6 to 7 ft.	B. & B.....	10.00

CHAMAECYPARIS obtusa—Continued Each Ten Hundred— **filicoides. 8'-10'****Fernspray Cypress**

The leaf covered branchlets are so arranged as to resemble fern fronds; an unusual kind, worthy of a spot in rock garden, where the intricate details can be seen.

15 to 18 in.	B. & B.....	2.75	2.40
1½ to 2 ft.	B. & B.....	3.75	3.30
2 to 3 ft.	B. & B.....	5.00	4.50
3 to 4 ft.	B. & B.....	7.00	
4 to 5 ft.	B. & B.....	10.00	

— **lycopodioides. 6'-8'****Clubmoss Cypress**

Scaly leaves are so crowded and branchlets so arranged over the whole plant as to create a curious japanesque effect. Apparently no one shape is typical but all are most interesting, and useful.

2 to 2½ ft.	B. & B.....	5.00	4.50
2½ to 3 ft.	B. & B.....	6.00	5.50

— **gracilis. 12'-15'****Slender Hinoki Cypress**

Particularly fine rich blackish green foliage; slowly grows into a rugged pyramid. Makes a handsome hedge. Hardy

15 to 18 in.	B. & B.....	2.00	1.80	1.50
1½ to 2 ft.	B. & B.....	3.00	2.70	2.40
2 to 2½ ft.	B. & B.....	4.00	3.60	3.30
2½ to 3 ft.	B. & B.....	5.25	4.80	
3 to 4 ft.	B. & B.....	6.75	6.00	
4 to 5 ft.	B. & B.....	9.00		

— — **aurea. 10'-12'****Yellowtip Hinoki Cypress**

This golden leaved form grows more slowly and irregular.

4 to 5 ft.	B. & B.....	10.00
5 to 6 ft.	B. & B.....	12.00

— — **compacta. 6'-8'****Compact Hinoki Cypress**

A curious "Japanese" form slender in outline; closely packed foliage and twisted branchlets make this quite a distinct "find." Could be easily stunted to simulate age.

15 to 18 in.	B. & B.....	3.00
1½ to 2 ft.	B. & B.....	4.00
2 to 3 ft.	B. & B.....	5.50
5 to 6 ft.	B. & B.....	13.50

— **nana. 2'-3'****Dwarf Hinoki Cypress**

Because it is slow growing the Japanese use this variety most effectively in pots. It soon assumes the character of age, preserving the rich green coloring. Dwarfest and most compact of all Cypress, therefore useful in rock gardens, evergreen groups or where small scale is desired.

6 to 9 in.	B. & B.....	2.00	1.80	1.50
9 to 12 in.	B. & B.....	3.00	2.70	2.40
12 to 15 in.	B. & B.....	3.75	3.30	3.00
15 to 18 in.	B. & B.....	4.50	4.00	3.60

— **youngi. 20'-25'****Young Golden Cypress**

Has a loose graceful habit and yellow tipped branchlets. From a little distance resembles a hemlock. Handsome.

3 to 4 ft.	B. & B.....	4.50	4.00	3.60
4 to 5 ft.	B. & B.....	6.00	5.40	5.00
5 to 6 ft.	B. & B.....	8.00	7.20	
6 to 8 ft.	B. & B.....	12.00	11.00	
8 to 10 ft.	B. & B.....	20.00	18.00	
10 to 12 ft.	B. & B.....	30.00		

CHAMAECYPARIS—Continued

Each Ten Hundred

pisifera. 40'-50'**Sawara Cypress**

Quickly develops into loose pyramid; hardiest of the family. Should be allowed space to develop as a tree.

3	to	4	ft.	B. & B.....	3.00	2.70
4	to	5	ft.	B. & B.....	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40
6	to	8	ft.	B. & B.....	9.00	8.00
8	to	10	ft.	B. & B.....	13.50	12.00
10	to	12	ft.	B. & B.....	20.00	

— aurea. 35'-40'**Golden Sawara Cypress**

Foliage is shining yellow. A better specimen than the green type. Particularly effective in winter.

3	to	4	ft.	B. & B.....	3.00	2.70
4	to	5	ft.	B. & B.....	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40
6	to	8	ft.	B. & B.....	9.00	8.00
8	to	10	ft.	B. & B.....	13.50	12.00
10	to	12	ft.	B. & B.....	20.00	18.00
12	to	14	ft.	B. & B.....	27.00	24.00

— filifera. 20'-25'**Thread Cypress**

Has long stringy drooping branches, but forms well shaped compact broad pyramid of a good green shade. Even without care remains in good condition indefinitely.

3	to	4	ft.	B. & B.....	3.50	3.00
4	to	5	ft.	B. & B.....	4.50	4.00
5	to	6	ft.	B. & B.....	6.00	5.40
6	to	7	ft.	B. & B.....	9.00	8.00

— — aurea. 10'-15'**Golden Thread Cypress**

This form grows more loosely, but the golden threads are brighter than any other evergreen. Stays low until old.

4	to	5	ft.	B. & B.....	8.00	
5	to	6	ft.	B. & B.....	10.00	
6	to	7	ft.	B. & B.....	12.00	

— — aureo-variegata. 10'-12' Variegated Thread Cypress

The half green, half yellow coloring is not so remarkable, but its billowy outline gives it rugged age-old individuality.

2	to	2½	ft. spread,	B. & B....	3.50	
2½	to	3	ft. spread,	B. & B....	5.00	
3	to	4	ft. spread,	B. & B....	7.50	
4	to	5	ft. spread,	B. & B....	12.00	

plumosa. 35'-40'**Plume Cypress**

A feathery pyramid that can be sheared into formal shapes. Makes a good hedge where a fine texture is called for.

15	to	18	in.	B. & B.....	.90	.80	.70
1½	to	2	ft.	B. & B.....	1.35	1.20	1.00
3	to	4	ft.	B. & B.....	3.00	2.70	
4	to	5	ft.	B. & B.....	4.00	3.60	3.30
5	to	6	ft.	B. & B.....	6.00	5.40	5.00
6	to	7	ft.	B. & B.....	9.00	8.00	7.20
7	to	8	ft.	B. & B.....	12.00	10.00	9.00
10	to	12	ft.	B. & B.....	20.00		

— aurea. 25'-30'**Golden Plume Cypress**

Quite a favorite for high lights in a mixed planting. The yellow foliage is particularly bright in spring.

15	to	18	in.	B. & B.....	.90	.80	.70
1½	to	2	ft.	B. & B.....	1.35	1.20	
5	to	6	ft.	B. & B.....	7.50		

CHAMAECYPARIS plumosa—Continued Each Ten Hundred— **lutescens. 3'-4'****Dwarf Yellow Plume Cypress**

A low broad round topped bush, sulphur tipped branches.

10 to 12 in.	spread, B. & B.....	.90	.80
1½ to 2 ft.	spread, B. & B.....	2.50	
2 to 2½ ft.	spread, B. & B.....	3.75	
2½ to 3 ft.	spread, B. & B.....	5.25	
3 to 4 ft.	spread, B. & B.....	7.50	

— **nana. 2'****Dwarf Plume Cypress**

This neat compact little cushion of green looks at home in a rock garden or even when planted formally. Remains dwarf, and develops into interesting shapes.

1½ to 2 ft.	spread, B. & B.....	3.75	3.30	3.00
2 to 2½ ft.	spread, B. & B.....	5.00	4.50	4.00
2½ to 3 ft.	spread, B. & B.....	7.50	6.75	

squarrosa nana. 2'**Dwarf Moss Cypress**

Looks exactly like what it is, a stunted Moss cypress.

2½ to 3 ft.	spread, B. & B.....	6.00	
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— **veitchi. 25'-30'****Veitch Moss Cypress**

Which is a remarkable plant. The blue-gray foliage and intricate branchlets combine to make a dense, broad woolly pyramid. Quite a billowy tree in age.

15 to 18 in.	B. & B.....	.90	.80	.70
1½ to 2 ft.	B. & B.....	1.35	1.20	
3 to 4 ft.	B. & B.....	3.00		
4 to 5 ft.	B. & B.....	4.00		

CHIMAPHILA maculata. 6"-8"**Pipsissewa**

EVERGREEN. Essentially a shady woods plant where it revels in leaf mold, but soon establishes a home in a shady pocket in the rock garden. The handsome long narrow leaves are beautiful, marbled white with purple tinges throughout, and the loveliest white saucers are held up on long stems. Should be planted in little colonies.

4" Pots50	.45
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CHIONANTHUS virginica. 20'-25'**White Fringe**

Loose tassels of fragrant white flowers are effective against the bold dark green foliage; really handsome for "dominant" spots. Dark purple plum-like fruits are quickly eaten by birds. One of our "forgotten" good natives.

2 to 3 ft.	.....	.55	.50	.45
3 to 4 ft.	.....	.75	.65	.60
4 to 5 ft.	.....	.90	.80	.70
5 to 6 ft.	.....	1.20	1.10	1.00
6 to 7 ft.	.....	1.50	1.35	

CLADRASTIS lutea. 40'-50'**Yellow-wood**

Has loose bunches of fragrant white pea-shaped flowers in June. The clear yellow autumn coloring is striking, too. A most interesting and beautiful lawn tree.

4 to 6 ft.	.....	3.00	2.70
6 to 8 ft.	.....	4.50	4.00
8 to 10 ft.	.....	6.00	5.25
10 to 12 ft.	.....	8.00	

CLEMATIS montana rubens. 15'-20' Pink Anemone Clematis

Slender and graceful yet when happy quite a rampant vine. The four petaled flowers are rosy-pink about one inch across and have a centre of yellow stamens in May.

2 year 3" Pots90	.80
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CLEMATIS—Continued

Each Ten Hundred

paniculata. 25'-30' Vine.

Sweet Autumn Clematis

The sweet September fragrance of this old favorite indicates its presence long before the flower-laden vine is seen; and the feathery seeds are also decorative.

2 year .....	.30	.25	.20
3 year .....	.45	.40	.30

CLETHRA alnifolia. 7'-8'

Summer Sweet

Useful for damp woodlands where the erect white flower spikes spice the air with a "peppery" odor all summer. Will also grow contentedly even in poor soil or sun.

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.70	.65	.55
3 to 4 ft. ....	.90	.80	.70

COLUTEA arborescens. 10'-12'

Bladder Senna

So called because the reddish seed pods are inflated, which follow the small bright yellow pea blossoms. Interesting.

3 to 4 ft.60	.50	
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CORNUS alba (sibirica.) 8'-10'

Coral Dogwood

Grows vigorously in moist places, where the vivid red bark is strikingly evident throughout winter, particularly if used with the yellow twig form. Birds quickly eat the berries.

3 to 4 ft. ....	.55	.50	
5 to 6 ft. ....	.80	.70	

alternifolia. 15'-20'

Pagoda Dogwood

Too seldom used, this handsome shrub is full of character, with flat spreading tiers of branches creating deep shadows.

2 to 3 ft. ....	.60	.50	
3 to 4 ft. ....	.75	.65	
4 to 5 ft. ....	.90	.80	

amomum. 8'-10'

Silky Dogwood

In autumn the bluish fruits are most ornamental, and even in winter the purplish branches give color. Good for massing, particularly in swampy areas. Has large silky foliage.

2 to 3 ft. ....	.50	.45	.35
3 to 4 ft. ....	.60	.55	.45
4 to 5 ft. ....	.75	.65	.55

canadensis. 6"

Bunchberry

Although low in stature, a most desirable member of this bold family. Typical white dogwood "flowers" give way to little crowded bunches of brilliant red berries. It must have shade and very acid soil—loves a pine needle mulch.

3" Pots40	.32	
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controversa. 25'-30'

Giant Dogwood

Rarely seen and of outstanding merit. Notice the blue-black berries are quite large and it develops real character with age. The young branches have maroon bark.

3 to 4 ft. ....	.75	.65	.60
4 to 5 ft.	1.00	.90	.80
5 to 6 ft.	1.35	1.20	



The individual groups of evergreens—trees—shrubs, listed on pages 127-130 according to size and shape may help you select for a specific purpose.

CORNUS—Continued

Each Ten Hundred

florida. 25'-30'**White Flowering Dogwood**

Surely everyone knows this splendid tree. Nothing is so spectacularly beautiful in spring as the banks of white flowers that border the woods. Then the profusion of glittering red berries and finally the brilliant autumn display of rich coloring, pink, crimson, scarlet, maroon. And in winter the twiggy intricate branch system forms a lacy network full of interest and beauty. Very adaptable and transplants readily. A real American.

3	to	4	ft.	B. & B.....	1.50	1.35	1.20
4	to	5	ft.	B. & B.....	2.50	2.25	2.00
5	to	6	ft.	B. & B.....	3.50	3.25	3.00
6	to	8	ft.	B. & B.....	5.00	4.50	
8	to	10	ft. specimens,	B. & B.	7.50 to 12.50 each		
10	to	12	ft. specimens,	B. & B.	15.00 to 25.00 each		

— rubra. 25'-30'**Red Flowering Dogwood**

Substitute pink flowers and you can imagine what a gorgeous effect can be made by using this form either alone or with the white type. Splendid free flowering specimens.

2	to	3	ft.	B. & B.....	1.80	1.50	
3	to	4	ft.	B. & B.....	3.00	2.70	2.40
4	to	5	ft.	B. & B.....	4.50	4.00	3.60
5	to	6	ft.	B. & B.....	6.75	6.00	
6	to	7	ft.	B. & B.....	10.00		
8	to	10	ft. specimens	B. & B.	20.00		

— welchi. 15'-20'**Welch Dogwood**

The foliage is curiously but prettily marbled with pink and white stripes of varying width—otherwise is similar to type.

2	to	3	ft.	B. & B.....	2.00		
3	to	4	ft.	B. & B.....	3.00		

kousa. 15'-20'**Kousa Dogwood**

In this Japanese counterpart of our dogwood the white flowers are borne after the leaves have expanded and thus lengthens the "Dogwood season." Large crimson strawberry-like fruits are attractive to humans and birds alike.

3	to	4	ft.	B. & B.....	1.80	1.65	
4	to	5	ft.	B. & B.....	2.75	2.40	
5	to	6	ft.	B. & B.....	4.00	3.60	
6	to	8	ft.	B. & B.....	6.00	5.40	
8	to	10	ft.	B. & B.....	9.00	8.00	

— chinensis. 15'-20'**Chinese Dogwood**

Has still larger flowers; and don't the birds relish the fruits!

2	to	3	ft.	B. & B.....	1.20	1.00	.90
3	to	4	ft.	B. & B.....	1.80	1.65	1.50
4	to	5	ft.	B. & B.....	2.75	2.50	2.25
5	to	6	ft.	B. & B.....	4.00	3.60	3.30
6	to	8	ft.	B. & B.....	6.00	5.40	5.00
8	to	10	ft.	B. & B.....	9.00	8.00	7.20

mas. 15'-20'**Cornelian Cherry**

Generally the first shrub to show color in spring when the twiggy branches are covered in a yellow mist that gradually becomes brighter. Later the cherry-like fruits are attractive and palatable. Should be used extensively.

2	to	3	ft.	B. & B.....	1.20	1.00	.90
3	to	4	ft.	B. & B.....	1.80	1.65	1.50
4	to	5	ft.	B. & B.....	3.00	2.70	2.40
5	to	6	ft.	B. & B.....	4.00	3.60	3.30
6	to	8	ft.	B. & B.....	6.00	5.40	
8	to	10	ft.	B. & B.....	9.00		

CORNUS—Continued

Each Ten Hundred

paniculata. 10'-12'

Gray Dogwood

Here is the massing shrub "par excellence." Bordering swampy sections great mounds can be seen with the myriad clusters of white berries on red stems adding color to the countryside. An ideal "filler" for the shrub border.

1½ to 2	ft.	.....	.50	.40
2 to 3	ft.	.....	.70	.60
3 to 4	ft.	.....	.90	.80

stolonifera. 8'-10'

Red Osier Dogwood

Valued chiefly for its bright red twigs, a welcome note in the dull winter landscape. Severe annual pruning will bring out the color. Will form a thicket eventually.

1½ to 2	ft.	.....	.40	.35	.30
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.60	.55	.50
4 to 5	ft.	.....	.75	.65	.60

— flaviramea. 6'-8'

Goldentwig Dogwood

Surprisingly bright yellow bark brightens any corner where this is planted. Smaller than, but good with red osier.

1½ to 2	ft.	.....	.50	.45	.40
2 to 3	ft.	.....	.60	.55	.50
3 to 4	ft.	.....	.75	.65	.60
4 to 5	ft.	.....	.90	.80	

CORYLOPSIS sinensis. 9'-10'

Chinese Winterhazel

In March or early April when the fragrant little pendants of inverted yellow cups are studded throughout the bush—what a lovely thing!! Handsome round foliage, fat winter buds, and a neat branching habit serve to make this desirable and interesting throughout the year. Scarce.

1½ to 2	ft.	B. & B.....	1.50	
2 to 3	ft.	B. & B.....	2.50	
3 to 4	ft.	B. & B.....	3.50	

COTONEASTER adpressa. 9"-12"

Creeping Cotoneaster

Decidedly a rock plant, where the creeping branches weave in and around intricately, forming an interesting mound. The glossy dark green wavy leaves show off the large bright red berries to perfection. Must have a sunny spot.

3" Pots, 6 to 9 in. spread.....	1.00	.90	.80
4" Pots, 9 to 12 in. spread.....	1.35	1.20	1.00

apiculata. 4'-5'

Tipped Cotoneaster

Graceful spreading branches, shiny foliage, flowers tinged pink, and large bright red fruits—a handsome fellow.

4" Pots, 12 to 15 in. spread.....	1.50	1.35
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dammeri. 12"-15"

Dammer Cotoneaster

EVERGREEN. Long branches trail along the ground rooting where they touch, are scantily clothed with inch long roundish dark green leaves. Bright red fruits, evergreen foliage and low habit make this a rock garden favorite.

4" Pots, 12 to 15 in. spread.....	1.50	1.35
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dielsiana. (applanata) 5'-6'

Diel's Cotoneaster

Has slender arching branches, pinkish flowers and small foliage. Bright red fruits add to its beauty. Handsome.

2 to 3	ft.	B. & B.....	1.65	1.50
3 to 4	ft.	B. & B.....	2.25	2.00

Consult our list of "forgotten plants" on page 119.

COTONEASTER—Continued

Each Ten Hundred

divaricata. 4'-6'**Spreading Cotoneaster**

When studded with scarlet fruits, this shrub justifies a choice position. Vigorous and spreading with good clean foliage. A little-known gem, useful as a hedge or specimen.

1½ to 2	ft.	B. & B.....	1.00	.90	.80
2 to 3	ft.	B. & B.....	1.50	1.35	
3 to 4	ft.	B. & B.....	2.00	1.80	
4 to 5	ft.	B. & B.....	2.75	2.40	

foveolata. 8'-10'**Pitted Cotoneaster**

A big fellow with splendid autumn dress, which shows off the glittering black berries. Has interesting irregular growth.

3 to 4	ft.	B. & B.....	2.25		
4 to 5	ft.	B. & B.....	3.00		

franchetti. 6'-7'**Franchet Cotoneaster**

EVERGREEN. At least in sheltered spots. An important member even in this glorious family. Long rich green, deeply veined leaves, clusters of pale pink flowers climaxed by bright orange-red berries make a procession to keep your interest throughout the whole year. Oh yes! the autumn coloring is beautiful too.

1½ to 2	ft.	B. & B.....	1.35	1.20	
2 to 3	ft.	B. & B.....	2.00	1.80	
3 to 4	ft.	B. & B.....	2.75	2.40	

horizontalis. 2'-3'**Rock Cotoneaster**

HALF EVERGREEN. The flat spray-like branches make an ideal cover for rocks or bank, especially when the deep green box-like leaves are bejewelled with the scarlet berries. Full open sunny place is best. Plant small sizes.

4" Pots, 9 to 12 in. spread.....	.80	.70	.60
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— perpusilla. 1'-2'**Dwarf Rock Cotoneaster**

HALF EVERGREEN. Smaller and neater than its parent, but even more effective in rock work. The bright red berries are larger, leaves are smaller, but more numerous.

5" Pots, 12 to 15 in. spread.....	1.20	1.00	.85
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hupehensis. 5'-6'**Hupeh Cotoneaster**

Really a handsome flowering shrub, the willowy branches forming garlands of white in June and then are weighted down with numerous red fruits. Leaves yellow in August.

1½ to 2	ft.	B. & B.....	1.20		
2 to 3	ft.	B. & B.....	1.65		
3 to 4	ft.	B. & B.....	2.25		
4 to 5	ft.	B. & B.....	3.00		

microphylla. 2'-2½'**Rockspray**

EVERGREEN. As indicated the shiny foliage is very small but rich in color. Somewhat leggy in youth it develops into a bushy shrub which when sprinkled with its glittering scarlet berries is a gem. Well drained place best.

4" Pots, 12 to 18 in.60	.50	.45
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racemiflora soongarica. 6'-7'**Coral Fruited Cotoneaster**

When seen in full fruit, this lovely shrub never fails to excite admiration and cause superlative adjectives. The wide spreading branches are just loaded with coral berries, contrasting vividly with the round gray-green leaves. Plant in open and give space to develop, at least six feet apart.

1½ to 2	ft.	B. & B.....	1.35	1.20	1.10
2 to 3	ft.	B. & B.....	2.00	1.80	1.65
3 to 4	ft.	B. & B.....	2.50	2.25	2.00
4 to 5	ft.	B. & B.....	3.00	2.70	

COTONEASTER—Continued

	Each	Ten	Hundred
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rotundifolia. 6'-7' Roundleaf Cotoneaster

HALF EVERGREEN. Red berries in galore, clean attractive foliage and easily grown; there is no good reason why this shrub should not be extensively planted.

2	to	3	ft.	B. & B.....	2.00	
3	to	4	ft.	B. & B.....	2.75	

salicifolia floccosa. 6'-8' Willowleaf Cotoneaster

EVERGREEN or practically so, the long slender leaves are dark green above, lighter beneath, and show off the red berries beautifully. Surely a most graceful spreading shrub.

1	to	1½	ft.	B. & B.....	1.00	.90
1½	to	2	ft.	B. & B.....	1.35	1.20
2	to	3	ft.	B. & B.....	2.00	1.80

simonsi. 5'-6' Simon Cotoneaster

HALF EVERGREEN. Loose spreading bush with arching branches well clothed in foliage. The scarlet berries insure recognition as a useful and colorful member.

3	to	4	ft.	B. & B.....	2.25	2.00
4	to	5	ft.	B. & B.....	3.00	2.70 2.40

zabeli miniata. 4'-6' Zabel Cotoneaster

It is difficult to visualize any shrub that fruits more profusely. The slender spreading branches become garlands of vivid red berries which are effectively contrasted by the yellow autumn foliage. Easily grown and a beauty.

1½	to	2	ft.	B. & B.....	1.35	
2	to	3	ft.	B. & B.....	2.00	
3	to	4	ft.	B. & B.....	2.50	

CRATAEGUS arnoldiana. 18'-20' Arnold Hawthorn

Vigorous and bold. The white flowers are large, crimson berries big and plentiful and the zigzag branches are well armed with long thorns. Large maple-like leaves.

3	to	4	ft.	2.00	1.80
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carrieri. 15'-20' Carrier Hawthorn

Very large round orange-red fruits persist nearly all winter. Has distinctive gray bark; open growth and rather round head, lustrous deep green oval leaves.

3	to	4	ft.	.....	2.00	1.80
4	to	5	ft.	.....	2.75	2.40
5	to	6	ft.	.....	3.50	3.30
6	to	8	ft.	.....	4.50	4.00

coccinea. 10'-12' Thicket Hawthorn

That is right, a real thicket shrub, for the intricate maze of branches forms a veritable barrier. The white May-flowers are large and give place to rather dull brown-red berries. Shiny bright green foliage is almost oval, good till late fall.

3	to	4	ft.	.....	2.00	1.80
4	to	5	ft.	.....	2.50	2.25 2.00
5	to	6	ft.	.....	3.25	3.00 2.70
6	to	8	ft.	.....	4.00	3.60

Every one of the items mentioned on page 119 is a worthwhile plant—worthy of a place in your garden—every one has been tested—a selection even at random is sure to be interesting.

CRATAEGUS—Continued

Each Ten Hundred

cordata. 20'-25'**Washington Thorn**

Beginning in May with white flowers followed by brilliant scarlet fruits which last nearly all winter, and throughout its pageant of autumn color most interesting and beautiful.

2	to	3	ft.	.....	1.35	1.20	
3	to	4	ft.	.....	2.00	1.80	1.65
4	to	5	ft.	.....	2.75	2.40	2.20
5	to	6	ft.	.....	3.50	3.30	3.00
6	to	8	ft.	.....	4.50		
10	to	12	ft.	B. & B.....	15.00		

crusgalli. 20'-25'**Cockspur Thorn**

Apart from the mass of white flowers, this Thorn is valuable for the shiny rich green leaves that stay fresh until late autumn, then turn orange. If left by birds, some fruits will persist until spring. A very practical hedge.

3	to	4	ft.	.....	2.00	1.80	
4	to	5	ft.	.....	2.50	2.25	
5	to	6	ft.	.....	3.25		
6	to	8	ft.	.....	4.50		

ellwangeriana. 15'-20'**Ellwanger Hawthorn**

Quite tree-like with ascending branches, large coarsely toothed leaves and big red berries, which soon fall.

3	to	4	ft.	.....	2.00	1.80	
4	to	5	ft.	.....	2.50	2.25	2.00
5	to	6	ft.	.....	3.25	3.00	2.70
6	to	8	ft.	.....	4.00	3.60	

mollis. 20'-25'**Downy Hawthorn**

Has large light green thin leaves, showy white red-centered flowers, scarlet succulent fruits, used for jelly.

3	to	4	ft.	.....	1.80	1.65	
4	to	5	ft.	.....	2.50	2.25	
5	to	6	ft.	.....	3.25	3.00	
6	to	8	ft.	.....	4.00	3.60	
8	to	10	ft.	B. & B.....	7.00	6.25	
10	to	12	ft.	B. & B.....	10.00	9.00	

nitida. 25'-30'**Glossy Hawthorn**

The spreading branches have but few thorns and the two inch leaves are glossy rich green above, changing to orange and scarlet tones in autumn. Dull red fruit.

2	to	3	ft.	.....	1.20	1.00	.90
3	to	4	ft.	.....	2.00	1.80	1.65
4	to	5	ft.	.....	2.50	2.25	
5	to	6	ft.	.....	3.25		

oxyacantha. 20'-25'**English Hawthorn**

In England this "May-Tree" is often used for hedging, but the clusters of large fragrant white flowers with their elusive fragrance and red berries make it worthy of wide use. A great favorite with birds for nesting and food.

3	to	4	ft.	.....	1.35	1.20	
4	to	5	ft.	.....	1.75	1.50	
5	to	6	ft.	.....	2.50	2.25	
6	to	8	ft.	.....	3.25	3.00	
8	to	10	ft.	B. & B.....	6.00	5.40	
10	to	12	ft.	B. & B.....	7.50	6.75	

By referring to "Contents" and the complete index you will quickly find information desired.

CRATAEGUS oxyacantha—Continued Each Ten Hundred— **Double White,** — **Double Pink,** — **Paul's Scarlet.**

Double flowering forms that have been perpetuated because of the freedom with which they produce flowers.

3	to	4	ft. (no white)	1.80
4	to	5	ft. (no white)	2.50
5	to	6	ft. (no white)	3.50
6	to	8	ft.	5.00
8	to	10	ft. (white only) B.&B.	10.00

— **rosea nova.** 18'-20'**Pink English Hawthorn**

A most delightful break of the English May Tree with lovely pink single flowers—quite similar in other ways.

3	to	4	ft.	2.25
4	to	5	ft.	3.00

pedicellata. 15'-18'**Cluster stem Hawthorn**

Has rather large shiny scarlet fruits somewhat pear-shaped and handsome dark green leaves. Forms a splendid hedge.

3	to	4	ft.	1.80	1.65	
4	to	5	ft.	2.50	2.25	2.00
5	to	6	ft.	3.25	3.00	2.70
6	to	7	ft.	4.00	3.60	

CRYPTOMERIA japonica lobbii. 50'-60'**Lobb Cryptomeria**

EVERGREEN. For this section undoubtedly the best form. It makes an irregular column of dark green, which changes to a warm purple bronze in winter. It wears so well that it has been most effectively used to replace native cedars that succumb to civilization. It is difficult to imagine any tree that has more dignity and inherent character than this. An avenue of large trees creates a most inspiring effect. A warm, moist, well-drained spot is ideal.

2½	to	3	ft.	B. & B.....	2.50	2.25	2.00
3	to	4	ft.	B. & B.....	3.25	3.00	2.70
4	to	5	ft.	B. & B.....	4.50	4.00	3.60
5	to	6	ft.	B. & B.....	6.50	6.00	5.40
6	to	8	ft.	B. & B.....	9.00	8.00	
8	to	10	ft.	B. & B.....	13.50	12.00	
10	to	12	ft.	B. & B.....	20.00	18.00	
12	to	14	ft.	B. & B.....	30.00	27.00	
14	to	16	ft.	B. & B.....	40.00	36.00	

CYDONIA japonica. 3'-5'**Flowering Quince**

Quite unnoticed until the dazzling scarlet pageant of flowers arrests your attention in early spring. Seedling plants vary in color, and the fruits are spicily fragrant.

1	to	1½	ft. ....	.35	.30	.25
1½	to	2	ft. ....	.45	.40	.35
2	to	2½	ft. ....	.60	.55	.50

— **alpina.** 1'-2'**Alpine Quince**

A slow growing almost prostrate form with pink flowers.

1	to	1½	ft. spread .....	.85	.75	.65
1½	to	2	ft. spread	1.00	.90	.80
2	to	2½	ft. spread	1.35	1.20	1.00

— **corallina.** 4'-5'**Coral Glow**

Vigorous growth, large shiny coral pink flowers. A handsome variety. Would make a perfectly stunning hedge.

1	to	1½	ft. ....	.85	.75	.65
1½	to	2	ft.	1.00	.90	.80
2	to	2½	ft.	1.50	1.35	1.20
2½	to	3	ft.	1.80	1.65	

CYDONIA japonica—Continued

Each Ten Hundred

— **grandiflora.** 3'-4'**Large Flowering Quince.**

Cream colored flowers variegated with pink. A novelty.

1½ to 2 ft.	1.00	.90	
2 to 2½ ft.	1.50	1.35	
2½ to 3 ft.	2.00	1.80	
3 to 4 ft.	2.25		

— **nivalis.** 3'-4'**White Flowering Quince**

The best white form with large flowers freely produced.

1 to 1½ ft. ....	.75	.65	.60
1½ to 2 ft. ....	.90	.80	.70
2 to 2½ ft.	1.35	1.20	1.00
2½ to 3 ft.	1.80	1.65	
3 to 3½ ft.	2.25	2.00	

— **pygmaea.** 2'-3'**Pygmy Flowering Quince**

Twisted branches form dense bush which is sprinkled with pale salmon flowers over a long period. The best one for a rock garden, and for facing a shrub border.

1 to 1½ ft. spread .....	.85	.75	.65
1½ to 2 ft. spread	1.20	1.00	

— **sanguinea plena.** 4'-5'**Double Red Quince**

Although not truly double the large red flowers are particularly brilliant and do have additional petals. Striking.

1½ to 2 ft.	1.00	.90	.80
2 to 2½ ft.	1.35	1.20	
2½ to 3 ft.	2.00	1.80	

maulei. 2'-3'**Lesser Flowering Quince**

If brilliancy is desired this low spiny bush ranks high for the vivid red flowers are remarkable in April. Try training this and other varieties on a south wall—surprisingly good.

1 to 1½ ft. spread .....	.60	.50	.40
1½ to 2 ft. spread .....	.80	.70	.60
2 to 2½ ft. spread	1.00	.90	.80
2½ to 3 ft. spread	1.35	1.20	

CYTISUS kewensis. 1'-1½'**Kew Broom**

Almost procumbent, but forms a neat little mound generously dotted with sulphur colored pea shaped flowers. It needs and deserves a little protection.

2 year60	.55	
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scoparius. 5'-6'**Scotch Broom**

The long slender bright green branches are always conspicuous particularly when the pea-shaped yellow flowers are strung along them in spring.

5" Pots, 1½ to 2 ft.75		
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Perhaps some of the combination plantings on pages 132-133 will fit in your garden. Won't you please suggest others that are effective?

—D—

Each Ten Hundred

DAPHNE cneorum. 1'**Rose Daphne**

EVERGREEN. Gray-green foliage, rose-pink deliciously fragrant flowers and a clean, neat habit make this garden gem the most appealing subject to any plant lover. Seems to thrive equally well in acid or sweet soil, in half shade or full sun, and it certainly seems at home in the rockery.

9	to	12	in. spread, B. & B.....	1.35	1.20	1.00
12	to	15	in. spread, B. & B.....	1.80	1.65	1.50
15	to	18	in. spread, B. & B.....	2.25	2.00	1.80

mezereum. 2½'-3'**February Daphne**

Upright fat little branches are thickly studded with deliciously fragrant rosy purple flowers in February. Scarlet berries are only sparsely produced but are most decorative. Even the gray green foliage, appearing later, is in harmony—a really worthwhile small shrub. Quite hardy.

15	to	18	in. spread, B. & B.....	.85	.75	
18	to	24	in. spread, B. & B.....	1.00	.90	

DEUTZIA gracilis. 3'-4'**Slender Deutzia**

One of the most useful of all low shrubs. A profusion of snow white flowers cover the round topped bush in May.

12	to	15	in. ....	.40	.36	.33
15	to	18	in. ....	.50	.45	.40
1½	to	2	ft. ....	.60	.55	

— rosea. 3'**Rose Panicle Deutzia**

The pinkish flowers are an added attraction. Neat habit.

1½	to	2	ft. ....	.50	.45	
2	to	3	ft. ....	.60	.55	.50

lemoinei. 4'-5'**Lemoine Deutzia**

Large dazzling white flowers in short sprays are produced in amazing abundance making a "high spot" in June.

1½	to	2	ft. ....	.40	.36	.33
2	to	3	ft. ....	.50	.45	.40

magnifica. 8'-10'**Showy Deutzia**

Really magnificent in bloom, has great clusters of white flowers, more showy and desirable than any other variety.

1½	to	2	ft. ....	.35	.30	.27
2	to	3	ft. ....	.45	.40	.36
3	to	4	ft. ....	.60	.54	.50
4	to	5	ft. ....	.75	.70	.60
5	to	6	ft. ....	.90	.80	.70

scabra Pride of Rochester. 8'-9'**Pink Deutzia**

Deservedly popular, this husky fellow produces clouds of tassel-like flowers in May which last for some weeks. The usual blush coloring sometimes deepens to a real pink.

1½	to	2	ft. ....	.30	.27	
2	to	3	ft. ....	.40	.36	.33
3	to	4	ft. ....	.50	.45	.40
4	to	5	ft. ....	.65	.60	.55

DIERVILLA trifida. 3'-4'**Dwarf Bush Honeysuckle**

So called because the yellow mid-summer flowers somewhat resemble the honeysuckle. In landscape planting it is a most useful low bush for shade, where autumn color shows well. Forms a mass by underground stems.

1	to	1½	ft. ....	.30	.27	.24
1½	to	2	ft. ....	.45	.40	.35
2	to	2½	ft. ....	.60	.55	.50

—E—

Each Ten Hundred

ELAEAGNUS longipes. 5'-6'**Gumi-Cherry Eleagnus**

Hot dry sunny place seems to perfect this shrub. Except for their fragrance the yellow flowers might be unnoticed, but the long stemmed orange-red fruits are most decorative.

1½ to 2 ft. ....	.60	.54	.50
2 to 3 ft. ....	.70	.60	.55
3 to 4 ft. ....	.90	.70	.65
4 to 6 ft.	1.20	1.00	.90

pungens reflexa. 10'-12'**Thorny Eleagnus**

EVERGREEN. When established will successfully brave our winters and is certainly worthy of trial. The wavy rich green two or three inch leaves are brown, scaly beneath, and the small clusters of silvery flowers are "scented before seen" followed by decorative orange fruits.

2 to 2½ ft. B. & B.....	2.25
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ELSHOLTZIA farquhari. 3'-4'**Mint Shrub**

Numerous spikes of reddish purple flowers top the bush in August and remain attractive for weeks. When crushed, the narrow leaves have a minty odor. Winter freezing of the top merely serves to make a more bushy specimen.

3 year50	.40
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ENKIANTHUS campanulatus. 12'-15'**Redvein Enkianthus**

Something to enthuse over! Without artificial shaping will develop into a handsome large shrub well clothed with clean foliage which turns brilliant red in fall. Bunches of nodding flowers are borne on the whorled branches, and these red-veined white cups are quite unique.

2 to 2½ ft. B. & B.....	3.00	2.70
2½ to 3 ft. B. & B.....	4.00	3.60
3 to 4 ft. B. & B.....	6.00	5.40

EPIGAEA repens. 2"-4"**Trailing Arbutus**

EVERGREEN. Although somewhat difficult to establish in cultivation a much loved wildling that carpets the ground with broad leaves and produces its clusters of delicate rose colored flowers in May. It seems incredible such a lowly plant could exhale the exquisite fragrance so characteristic of this gem. Acid soil is necessary.

5" Pots established75	.60
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ERICA carnea. 10"-12"**Spring Heath**

EVERGREEN. Opening in early spring, the bright rosy-pink flowers persist for months, surely a most striking thing.

2 year, 6 to 9 in.60	.55
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EUONYMUS alatus. 8'-9'**Winged Euonymus**

Pink and crimson in autumn, interesting corky branches in winter, this handsome interesting shrub is too little used.

1½ to 2 ft. ....	.45	.40	.36
2 to 3 ft. ....	.60	.54	.50
3 to 4 ft. ....	.75	.70	.60

— compactus. 5'-6'**Compact Winged Euonymus**

Just as beautiful and even neater than its big brother. Useful for a specimen, mass, or hedge planting.

2 to 3 ft. ....	.75	.60
3 to 4 ft. ....	.90	.80

europaeus. 12'-15'**Burning Bush**

Slender and tree like, escapes notice until the dull leaves take on a purplish crimson coloring in autumn—then you watch for the bright pink and scarlet fruits strung along the green four sided stem like hanging ornaments. Lovely.

1½ to 2 ft. ....	.50	.40
2 to 3 ft. ....	.60	.50

EUONYMUS—Continued

Each Ten Hundred

hamiltonianus. 9'-10'

Hamilton Euonymus

Numerous pale pink fruits split open to show the scarlet seeds, although somewhat "leggy" is assuredly worthy of wide recognition. Judicious pruning is helpful.

1½ to 2 ft. ....	.75	.65	.60
2 to 3 ft. ....	.90	.80	.75

patens. 8'-10'

Spreading Euonymus

HALF-EVERGREEN. If in doubt plant this shrub—it seems contented in all places and conditions. The glossy 3-inch wavy leaves become stained with purple as autumn progresses and the orange fruits hang on almost until spring. Makes a broad round specimen, perfect for hedges.

1 to 1½ ft. B. & B.....	.60	.54	.50
1½ to 2 ft. B. & B.....	.85	.75	.70
2 to 3 ft. B. & B.....	1.20	1.10	1.00
3 to 4 ft. B. & B.....	1.65	1.50	

radicans. 15'-20' Vine.

Wintercreeper

EVERGREEN. Makes good cover for wall or ground.

2 year, 6 to 9 in.40	.35	.25
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— carrieri. 3'-4' Vine.

Glossy Wintercreeper

EVERGREEN. Large shiny leaves mark this brisk grower as quite distinct. Will make a fine hedge, but rarely fruits.

2 year, 9 to 12 in.50	.45	.40
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— coloratus. 4'-6' Vine.

Purple Wintercreeper

EVERGREEN. For a ground cover in shade there are few things to equal this. The long narrow leaves are rosy-purple underneath and the veins pencilled in gray.

2 year, 12 to 15 in.40	.35	.30
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— minimus. 3' Vine.

Baby Wintercreeper

EVERGREEN. Tiny leaves, pencilled in gray, are daintily arranged along the climbing vines, which grow vigorously to their appointed stature; then age. For rock gardens.

2 year, 6 to 8 in.40	.35	.30
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— vegetus. 12'-15' Vine.

Bigleaf Wintercreeper

EVERGREEN. Generally conceded to be the most reliable self-clinging evergreen vine in the north. From the shrubby bush long basal shoots climb on almost any support. Has thick dull green round leaves and orange fruits.

2 year, 9 to 12 in.50	.45	.40
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yedoensis. 9'-10'

Yeddo Euonymus

Has characteristic pinkish fruits and orange seeds plentifully produced—a glorious spectacle when mature.

2 to 3 ft. ....	.75		
3 to 4 ft.	1.00		

EXOCHORDA grandiflora. 8'-10'

Pearl Bush

During May the dazzling whiteness of the lovely frail-looking flowers always attract attention. Annual pruning improves the natural open habit. Prefers moist place.

2 to 3 ft. ....	.50		
3 to 4 ft. ....	.65		

giraldi wilsoni. 10'-12'

Wilson Pearl Bush

Decidedly the most handsome of the family. The globular white flower buds are arranged in loose bunches, but in May when fully open the glistening snowy flowers seem like large drifts throughout the bush. Has upright habit.

1½ to 2 ft. ....	.60	.50	
2 to 3 ft. ....	.75	.60	
3 to 4 ft.	1.00		

—F—

Each Ten Hundred

FAGUS americana. 80'-100'**American Beech**

Grows slowly, but a handsome native, whose clean gray-barked trunks are familiar in light woods. Prefers well drained alkaline soil and spring planting. A beautiful tree.

2	to	3	ft.	B. & B.....	1.80	1.65	1.50
3	to	4	ft.	B. & B.....	2.25	2.00	1.80
4	to	5	ft.	B. & B.....	3.25	3.00	2.70
5	to	6	ft.	B. & B.....	5.00	4.50	4.00
6	to	8	ft.	B. & B.....	7.50	6.75	6.00
8	to	10	ft.	B. & B.....	11.00	10.00	

sylvatica. 80'-100'**European Beech**

Has smaller darker leaves and grows even more slowly than the native. Likes similar treatment, shade while young.

2	to	3	ft.	B. & B.....	1.65	1.50	1.35
3	to	4	ft.	B. & B.....	2.25	2.00	1.80
4	to	5	ft.	B. & B.....	3.25	3.00	2.70
5	to	6	ft.	B. & B.....	5.00	4.50	4.00
6	to	8	ft.	B. & B.....	7.50	6.75	6.00
8	to	10	ft.	B. & B.....	11.00	10.00	

— asplenifolia. 60'-70'**Fernleaf Beech**

Well named for the deeply cut long narrow graceful leaves.

2	to	3	ft.	B. & B.....	3.25	3.00	2.70
3	to	4	ft.	B. & B.....	4.50	4.00	3.60
4	to	5	ft.	B. & B.....	6.50	6.00	5.40
5	to	6	ft.	B. & B.....	9.00	8.00	
6	to	8	ft.	B. & B.....	12.00	11.00	

— fastigiata. 40'-50'**Upright Beech**

Not considering time this would be an excellent substitute for the Lombardy Poplar. Inspiring when mature. Scarce.

2	to	3	ft.	B. & B.....	3.25	3.00	
3	to	4	ft.	B. & B.....	4.50	4.00	
4	to	5	ft.	B. & B.....	6.50	6.00	
5	to	6	ft.	B. & B.....	9.00	8.00	

— pendula. 50'-60'**Weeping Beech**

Of all "weeping" trees this is the finest, the branches descend to the ground in broad tortuous curves making a character specimen even in winter. Effective on rolling contours, or as a single specimen on the lawn.

4	to	5	ft.	B. & B.....	7.50		
5	to	6	ft.	B. & B.....	10.00		
6	to	8	ft.	B. & B.....	13.50		
8	to	10	ft.	B. & B.....	18.00		

— riversi. 70'-80'**Rivers Purple Beech**

The best purple leaf tree, grafted. Handsome and dignified.

4	to	5	ft.	B. & B.....	6.50		
5	to	6	ft.	B. & B.....	9.00		
6	to	8	ft.	B. & B.....	12.75		
8	to	10	ft.	B. & B.....	18.00		
10	to	12	ft.	B. & B.....	21.00		

The soil preference list on pages 123-124 may help you to determine what plants will do best in your garden.

FORSYTHIA

Each Ten Hundred

intermedia spectabilis. 8'-9'**Showy Border Golden Bell**

Here is the most spectacular member of the family, with larger deeper yellow flowers in profusion. Indispensable.

1 ½ to 2	ft.	.....	.30	.27	.24
2 to 3	ft.	.....	.40	.35	.30
3 to 4	ft.	.....	.50	.45	.40
4 to 5	ft.	.....	.65	.60	

ovata. 6'-8'**Korean Goldenbell**

Of all the goldenbells this has proved most hardy. While the amber yellow flowers are not so numerous or showy as other forms, they will defy any winter we can ever expect.

1 ½ to 2	ft.	.....	.50	.45	
2 to 3	ft.	.....	.75	.65	

suspensa. 6'**Weeping Golden Bell**

Much more graceful, particularly if allowed to hang over a retaining wall. The willowy branches root at the tips and form an immense mass in a few years. Effective on walls.

1 ½ to 2	ft.	.....	.35	.30	.25
2 to 3	ft.	.....	.40	.35	.30
3 to 4	ft.	.....	.55	.50	.45

viridissima. 8'-9'**Green Stem Forsythia**

The last to flower. Has vigorous, upright green stems.

1 ½ to 2	ft.	.....	.30	.27	.24
2 to 3	ft.	.....	.40	.35	.30
3 to 4	ft.	.....	.50	.45	.40

— koreana. 7'-8'**Korean Forsythia**

Really an improvement over the type in hardiness and effect but not as spectacular in flower as other varieties.

1 ½ to 2	ft.	.....	.60		
2 to 3	ft.	.....	.75		

—G—

GENISTA pilosa. 1'-2'**Silky Leaf Broom**

Will convert a hot, stony bank into a blanket of brilliant yellow in May and June. The dark, neat foliage is attractive.

4" Pots, 3 year, 9 to 12 in. spread	.90	.80	.70
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prostrata. 3"**Creeping Broom**

Just fine for hugging a boulder in the rock garden. Tiny leaves and good sized yellow flowers clothe the mat.

3" Pots, 6 to 9 in. spread	.75	.60	
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sagittalis. 9"-12"**Arrowhead Broom**

Low almost prostrate flat jointed stems curve up to hold the little bunches of clear yellow pea-blossoms in June and July, and afterwards the silky seed pods hold attention.

4" Pots, 5 to 8 in. spread	.90	.80	
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sylvestris pungens. 4"**Prickly Broom**

Lovely golden flowers glorify this little bush in June. Prefers sunny, well drained spot, and is worthy of it.

3" Pots, 6 to 9 in. spread	.75	.60	
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tinctoria. 2'-3'**Woadwaxen**

Slender green whip-like shoots bearing bunches of yellow pea shaped blossoms form a loose bush sparsely clothed with small leaves. Loves the sun but not the cold wind.

2 to 3	ft.90	.80	
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GENISTA tinctoria —Continued	Each	Ten	Hundred
— plena. 2'-3'	Double Woadwaxen		
Really a good form with double flowers similar in habit.			
2 year, 6 to 9 in.	1.00		

GINKGO biloba. 100'		Maidenhair Tree	
Full of interest, historically and physically, a grand old patriarch of a bygone age. Practically insect, dust and disease proof; good for city planting, but grows slowly.			
6	to 8 ft.	3.50	3.30
8	to 10 ft., 1¼ to 1½ in....	5.00	4.50
10	to 12 ft., 1½ to 1¾ in....	7.00	6.50
12	to 14 ft., 1¾ to 2 in....	9.00	8.00

— fastigiata. 60'-80'		Column Maidenhair Tree
A narrow cylindrical form very useful for accents. Scarce.		
2½ to 3	ft.	3.00
4 to 6	ft.	6.00
6 to 8	ft.	7.50

GYMNOCLADUS dioica. 60'-80		Kentucky Coffee Tree	
Gnarled branchlets and thick branches—a picture of age.			
2	to 3 ft. ....	.80	.70
3	to 4 ft.	1.20	1.00

—H—

HALESIA tetraptera. 20'-25'				Great Silver Bell		
During May a lovely thing indeed. Myriads of little pearly bells dangle from the reaching branches, to be followed by interesting brown winged seeds. Will yet come into its own.						
3	to	4	ft. ....	.65	.60	.55
4	to	5	ft. ....	.90	.80	.70
5	to	6	ft.	1.20	1.00	.90
6	to	8	ft.	1.50	1.35	

HAMAMELIS japonica. 20'-25'	Japanese Witch Hazel
Spidery canary yellow flowers decorate the naked branches in mid-winter even during zero weather. Handsome smooth round leaves turn yellow in autumn.	
3 to 4 ft.	1.80
4 to 5 ft.	2.25

mollis. 15'-25'

Chinese Witch Hazel

Every February this glorious shrub surprises us with its fragrant ribbon-like flowers of spun gold draped throughout the branches. Always a cheerful spot in a drab winterscape, even in zero weather. In summer the handsome velvety gray-green foliage clothes this well-shaped bush, which seems happiest in slightly moist place. Indispensable for the border, or near the doorway.

2	to	3	ft.	.....	1.80	1.50	
3	to	4	ft.	.....	2.25	2.00	1.80
4	to	5	ft.	.....	3.00	2.70	2.40
5	to	6	ft.	.....	4.50		

vernalis. 4'-6'	Vernal Witch Hazel	
Not so showy but sweetly fragrant these pale yellow flowers mature in January, opening and closing with warm and cold spells. The small foliage is smooth but deeply veined. There is also a form with reddish flowers.		
1½ to 2 ft. ....	.75	.70

HAMAMELIS—Continued

Each Ten Hundred

virginiana. 15'-25'

Witch Hazel

The fringy light yellow flowers are conspicuous in November brightening our native woods. Splendid in mass when the rich yellow autumn color is effective bordering swamps.

3	to	4	ft.	.....	.80	.75
4	to	5	ft.	.....	1.00	.90
5	to	6	ft.	.....	1.35	

HEDERA helix. 60'-75'

English Ivy

EVERGREEN. Where hardy the finest ground or wall cover. For this section it is best to plant where morning sun does not strike. In winter the rich green foliage is beautifully veined with white. Once established it becomes ageless.

4"	Pots, 1½ to 2	ft.	.....	.35	.30	.25
6"	Pots, 2	to 2½ ft.	.....	1.00	.90	

— **baltica. 30'-40'**

Baltic Ivy

EVERGREEN. Quite similar to the English Ivy, but has smaller leaves veined white, which in winter assume a purplish tone. Being really hardy this is more reliable.

3"	Pots, 12 to 15 in.	.....	.45	.40	.35
4"	Pots, 15 to 18 in.	.....	.60	.55	.50

— **conglomerata. 1½'-2'**

Bunchleaf Ivy

EVERGREEN. The curiously twisted stems are crowded with small wavy leaves. Looks perfectly at home in the rock garden where it never grows out of bounds, introduces a weathered effect. An occasional freeze back helps.

3"	Pots, 4 to 6 in.50	.45	.40
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— **deltoidea.**

Heartleaf Ivy

EVERGREEN. Narrow heart shaped leaves distinguish this neat little fellow—half vine, half shrub.

4"	Pots, 4 to 6 in.75	.60	.50
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— **minima.**

Erect Ivy

EVERGREEN. Quite self sufficient with thick but small leaves systematically crowded on the short branchlets—a delightful subject for the rock garden, or even in a pot.

3"	Pots, 3 to 5 in.50	.45	.35
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— **pedata.**

Birdsfoot Ivy

EVERGREEN. A hardy form that clings tightly but not a quick grower. The star like leaves are distinctly veined.

3"	Pots, 6 to 9 in.60	.50	.40
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— **self branching.**

Pittsburgh Ivy

EVERGREEN. Without any cutting or pinching this form develops into a well furnished little bush with occasional long branches. Small foliage is light green and closely arranged on the branches. Needs protection where exposed.

3"	Pots, 6 to 9	in.	.....	.45	.40	.30
4"	Pots, 9 to 12 in.	.....	.60	.50	.40	

HIBISCUS syriacus. 10'-12'

Rose of Sharon

Has a characteristic upright habit useful in formal work. Plant in spring as it grows until late autumn. August.

Double white. Single purple. Single red. Double pink.

1½	to	2	ft.	.....	.35	.30	.27
2	to	3	ft.	.....	.45	.40	.36
3	to	4	ft.	.....	.60	.55	
4	to	5	ft.	.....	.75		

HIBISCUS syriacus—Continued

Each Ten Hundred

— **coelestis**, Single blue**W. R. Smith**, Single white

1½ to 2	ft.	.....	.50	.45
2 to 3	ft.	.....	.60	.54
3 to 4	ft.	.....	.75	.70

HYDRANGEA**arborescens grandiflora. 4'-5'****Snow Hill Hydrangea**

The rather straggling habit is more than offset in July and August by the fine display of white flowers borne in large bunches. Prune severely for best results. Useful in shade.

1½ to 2	ft.	.....	.40	.35	.30
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.70	.65	.60

paniculata. 10'**Panicle Hydrangea**

The long loose trusses of white flowers are borne gracefully and make this a most desirable shrub for August bloom.

1½ to 2	ft.	.....	.30	.27	.25
2 to 3	ft.	.....	.45	.40	.35
3 to 4	ft.	.....	.60	.55	.50
4 to 5	ft.	.....	.75	.70	

— **grandiflora. 8'-10'****Peegee**

Almost everyone knows the great heads of white flowers that gradually turn pink when cut and dried for decoration.

2 to 3	ft.	.....	.60	.55	.50
3 to 4	ft.	.....	.75	.65	.60
4 to 5	ft.	.....	1.00	.90	

petiolaris. 35'-40' Vine.**Climbing Hydrangea**

Until it takes on some age the sterling character of this little known climbing shrub is not appreciated. The large round leaves shingle the wall forming a perfect background for the flat topped bunches of fragrant white flowers in early summer. Old stems have brown bark. Prefers north wall.

4" Pots, 9 to 12 in.	1.50	1.35
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quercifolia. 3'-4'**Oak Leaf Hydrangea**

Glorious in its autumn dress when the large oak-like leaves assume brilliant colors. The white flowers gradually turn purplish when old; semi-shade or woods margin.

1½ to 2	ft.	.....	.60	.55	.50
2 to 3	ft.	.....	.75	.65	.60
3 to 4	ft.	.....	.90	.80	.70

HYPERICUM aureum. 3'-4'**Golden St. Johnswort**

Most welcome in July and August when the brilliant yellow flowers with their centre brush of silky stamens are at their best. Even in a dry rocky place will maintain its neat cheerful habit and covering of blue green foliage.

1½ to 2	ft.	.....	.50	.45	.40
2 to 3	ft.	.....	.60	.55	.50
3 to 4	ft.	.....	.75	.65	.60

moserianum. 1½'**Goldflower**

HALF EVERGREEN. Many reddish arching stems arise from the ground, each well laden in midsummer with lovely golden yellow flowers with a soft brush-like centre. Will well repay a little shelter. Very useful in herbaceous border, for cutting as well as a foliage plant.

2 year, 12 to 18 in.50	.40
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—I—

Each Ten Hundred

ILEX cornuta. 10'**Chinese Holly**

EVERGREEN. One that bids well to become a favorite. The oblong rectangular leaves vary from 1½ to 4 inches long but retain the characteristic shape and leathery texture. Scarlet berries are attractive. Need some shelter.

1	to	1½ ft.	B. & B.....	1.50
1½	to	2 ft.	B. & B.....	2.00
2	to	3 ft.	B. & B.....	2.50

crenata. 12'-15'**Japanese Holly**

EVERGREEN. Has thick dark lustrous green leaves of variable size never larger than a privet, really quite unlike a holly. Forms a fine large bush for permanent planting and does not object to some shade. Black berries.

1	to	1½ ft.	B. & B.....	1.35	1.20	1.00
1½	to	2 ft.	B. & B.....	2.00	1.80	1.50
2	to	3 ft.	B. & B.....	3.00	2.70	2.25
3	to	4 ft.	B. & B.....	5.50	4.80	4.50
4	to	5 ft.	B. & B.....	8.00	7.00	6.30
5	to	6 ft.	B. & B.....	10.00	9.00	

— convexa (bullata.) 3'-4'**Boxleaf Japan Holly**

EVERGREEN. Think of this as a dwarf boxwood which it resembles both in habit and foliage. Any plant lover cannot help but enthuse over an old specimen broader than high well clothed in roundish convex leaves that withstand the hardest winters. Eventually this will be the recognized hardy substitute for dwarf boxwood edging.

4	to	6 in.	edging .....	.30	.24	.18
12	to	15 in.	B. & B.....	1.35	1.20	
15	to	18 in.	B. & B.....	2.00	1.80	
1½	to	2 ft.	B. & B.....	2.75	2.50	
2	to	2½ ft.	B. & B.....	3.75	3.30	
2½	to	3 ft.	B. & B.....	5.50	5.00	
3	ft.		B. & B.....	7.50		

— helleri. 1'-1½'**Heller Holly**

EVERGREEN. Just hugs the ground and forms a broad flat compact mass just packed with stiff twigs which in turn are well clothed with shiny dark green leaves half inch or less in length. Very neat and slow in growth—a gem for low permanent planting. Needs no pruning.

6	to	9 in.	spread .....	.90	.75	.60
9	to	12 in.	spread, B. & B.....	1.25	1.00	.90
15	to	18 in.	spread, B. & B.....	4.50		
1½	to	2 ft.	spread, B. & B.....	6.00		
2	to	2½ ft.	spread, B. & B.....	7.50		

— microphylla. 8'-10'**Littleleaf Japanese Holly**

EVERGREEN. Even the smallest plant shows inherent character and sturdiness. Being more hardy than the type this form is recommended for general use, particularly as the twiggy branches make an ideal hedge or handsome specimen. Has smaller leaves and a much bushier habit.

1	to	1½ ft.	Bushy, B. & B.....	1.35	1.20	1.00
1½	to	2 ft.	Bushy, B. & B.....	2.25	2.00	1.80
2	to	2½ ft.	Bushy, B. & B.....	3.50	3.25	3.00
2½	to	3 ft.	Bushy, B. & B.....	5.00	4.50	4.00
3	to	4 ft.	Bushy, B. & B.....	7.50	7.00	6.00
4	to	5 ft.	Bushy, B. & B.....	10.00	9.00	
5	to	6 ft.	Bushy, B. & B.....	13.50		

ILEX crenata—Continued

Each Ten Hundred

— **rotundifolia. 12'-15'****Roundleaf Japan Holly**

EVERGREEN. In character rather more loose and irregular than "crenata," but quite distinct because of its leaves which are almost as large as Privet. The upright tendency can be used to good advantage in mass plantings.

1½ to 2 ft.	B. & B.....	2.25	2.00
2 to 3 ft.	B. & B.....	3.50	3.00

glabra. 4'-6'**Inkberry**

EVERGREEN. Rather loose but well clothed with deep green leaves that turn to a peculiar metallic deep purple color in winter. Most effective in masses when the glittering black berries are more evident. Grows in shade or sun.

12 to 15 in.	B. & B.....	1.35	1.20	
15 to 18 in.	B. & B.....	2.00	1.80	
1½ to 2 ft.	B. & B.....	2.75	2.50	2.25
2 to 2½ ft.	B. & B.....	3.75	3.50	3.25
2½ to 3 ft.	B. & B.....	5.00	4.50	4.00
3 to 3½ ft.	B. & B.....	7.00	6.30	

latifolia. 50'-60'**Broadleaf Holly**

EVERGREEN. Judging from the handsome glossy green six inch oblong leaves it promises to develop into "one of the most beautiful Hollies" to quote L. H. Bailey. The red fruits are arranged in dense clusters and so far it has proved hardy, but we suggest winter protection at first.

1 to 1½ ft., 5" Pots	2.25
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opaca. 30'-40'**American Holly**

EVERGREEN. Christmas is immediately suggested by the familiar typical holly leaves and red berries. Be sure to get both male and female trees if berries are wanted, and transplant in spring. Young plants seem to prefer light shade but later a moist but well-drained sunny spot will produce a more compact specimen. Acid soil preferred.

1½ to 2 ft.	B. & B.....	1.50	1.35
2 to 3 ft.	B. & B.....	3.00	2.70
3 to 4 ft.	B. & B.....	5.00	4.50
4 to 5 ft.	B. & B.....	7.50	6.75
5 to 6 ft.	B. & B.....	10.00	9.00
6 to 7 ft.	B. & B.....	13.50	
6 to 8 ft. specimens, B.&B.		25.00 to 75.00	each

— **xanthocarpa. 25'-30'****Yellow Fruited Holly**

EVERGREEN. Finally we found this true form with really yellow berries. Similar to the type but seems more hardy.

1 to 1½ ft.	B. & B.....	2.25
1½ to 2 ft.	B. & B.....	3.50

pernyi. 7'-8'**Perny Holly**

EVERGREEN. Thick, small, angular leaves are crowded on the branchlets, and the dark lustrous green coloring makes a splendid foil for the bright red berries. The intricate branching habit results in a spiny compact bush.

3" Pots, 6 to 12 in.	1.50	1.35
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verticillata. 8'-10'**Common Winterberry**

One of the few native shrubs that carries its bright red fruits practically throughout winter. While generally found in swampy ground it seems perfectly happy when high and dry. Plant in groups to insure a crop of berries—it's a holly!

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.65	.60	.55
3 to 4 ft. ....	.80	.70	.65
4 to 5 ft.	1.00	.90	

ILEX verticillata—Continued

Each Ten Hundred

— **polycarpa. 7'-8'****Large Fruited Winterberry**

Quite an improvement over the old but beautiful type. Red berries are larger, more profuse and just as brilliant.

1½ to 2	ft.	.....	.70	.65	
2 to 3	ft.	.....	.90	.80	.70
3 to 4	ft.	.....	1.20	1.10	

INDIGOFERA amblyantha. 5'-6'**Pink Indigo**

Beginning in July clusters of pink pea-blossoms bejewel the arching branches until October. Airy bright green foliage creates a soft effect often lacking in small border planting.

1½ to 2	ft.	.....	.75	.70	
2 to 3	ft.	.....	1.00	.90	
3 to 4	ft.	.....	1.25	1.10	

kirilowi. 3'-4'**Kirilow Indigo**

Very small rose colored flowers in dense bunches brighten up the compact bush in July. Withstands drought and heat.

1½ to 2	ft.75		
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potanini. 5'-6'**Potanin Indigo**

More upright and compact than the former with slightly larger pale pink flowers. An occasional freeze back helps.

3 to 4	ft.	1.50	1.35	
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—J—

JASMINUM nudiflorum. 4'-5'**Winter Jasmine**

Most effective when the long slender viny branches are trained on a sunny wall to display the bright starry yellow bells in April and sometimes during a warm February. As a shrub the branches will root as they spread, into a mass.

3 year, 1½ to 2	ft.	.....	.75	.65	.60
2 to 2½	ft.	.....	.90	.80	

JUNIPERUS chinensis. 18'-20' ALL EVERGREEN Chinese Juniper

A formal narrow cone of gray-green foliage assuming more character with age. Reliable and useful. Very hardy.

2 to 2½	ft.	B. & B.....	2.00	1.80	1.50
2½ to 3	ft.	B. & B.....	2.50	2.25	2.00
3 to 4	ft.	B. & B.....	3.25	3.00	2.70
4 to 5	ft.	B. & B.....	4.50	4.00	3.60
5 to 6	ft.	B. & B.....	6.00	5.40	
6 to 7	ft.	B. & B.....	8.00		

— **albo variegata. 8'-10'****White Leaf Chinese Juniper**

Creamy white branchlets are interspersed throughout the bush. Other foliage is blue-gray. Forms stocky pyramid.

4 to 5	ft.	B. & B.....	3.75	3.50	
5 to 6	ft.	B. & B.....	5.00	4.50	
6 to 7	ft.	B. & B.....	7.50	6.75	
7 to 8	ft.	B. & B.....	9.00		

— **columnaris. 20'-25'****Column Chinese Juniper**

Rapidly grows into a slender shaft of gray-green. Splendid "accent" plant. An annual trimming keeps column compact.

4 to 5	ft.	B. & B.....	4.50	4.00	
5 to 6	ft.	B. & B.....	5.75	5.25	4.80
6 to 7	ft.	B. & B.....	7.50	6.75	6.00
7 to 8	ft.	B. & B.....	10.00	9.00	7.20
8 to 10	ft.	B. & B.....	13.50	12.00	11.00
10 to 12	ft.	B. & B.....	18.00	16.50	
12 to 14	ft.	B. & B.....	22.50	20.00	

JUNIPERUS chinensis—Continued

Each Ten Hundred

— **columnaris viridis.** 20'-25'**Green Column Juniper**

This green form is more pyramidal and grows more slowly.

3	to	4	ft.	B. & B.....	3.50	3.30	3.00
4	to	5	ft.	B. & B.....	4.50	4.00	
5	to	6	ft.	B. & B.....	5.75	5.25	
6	to	7	ft.	B. & B.....	7.50	6.75	
7	to	8	ft.	B. & B.....	10.00	9.00	
8	to	10	ft.	B. & B.....	13.50	12.00	
10	to	12	ft.	B. & B.....	18.00		

— **fortunei.** 12'-15'**Fortune Juniper**

Quite distinct with its informal broadly pyramidal outline, and gray-green foliage this is useful in mixed planting.

5	to	6	ft.	B. & B.....	6.00		
9	to	10	ft.	B. & B.....	18.00		

— **japonica.** 4'-5'**Japanese Juniper**

Being extremely hardy this low spreading bush retains its handsome rich green coloring throughout the coldest winter. Grows slowly and looks at home among large rocks.

3	to	4	ft.	B. & B.....	6.00		
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— — **aurea.** 3'-4'**Golden Japan Juniper**

Very bright yellow scaly leaves cover this slow grower.

15	to	18	in.	B. & B.....	3.00		
1½	to	2	ft.	B. & B.....	4.00		
2	to	2½	ft.	B. & B.....	5.00		

— — **globes.** Formal compact spheres.**Trimmed Globes**

1½	to	2	ft.	B. & B.....	3.00		
2½	to	3	ft.	B. & B.....	5.25		

— **neaboriensis.** 8'-10'**Conical Chinese Juniper**

Possibly the most formal cone-shaped Juniper we have. Although never trimmed the neat tight pyramid always looks as though just "groomed." A perfect accent or tub plant.

3	to	4	ft.	B. & B.....	3.00	2.70	
4	to	5	ft.	B. & B.....	4.00	3.60	
5	to	6	ft.	B. & B.....	5.00	4.50	

— **oblonga.** 10'-12'**Oblonga Juniper**

Known as "sylvestris" in the South this plant has a wide range for it is extremely hardy. From the broad round base a leader shoots up to form a feathery irregular pyramid. In winter the gray foliage is tinted with purple-lavender.

5	to	6	ft.	B. & B.....	6.00		
6	to	7	ft.	B. & B.....	8.00		
7	to	8	ft.	B. & B.....	10.00		

— **pfitzeriana.** 5'-6'**Pfitzer Juniper**

Naturally develops into a spreading vase-shaped bush formed by handsome plume-like branches. Being resistant to cold, dust, smoke and drought it is widely used in city plantings, and deserves its popularity. Indispensable.

15	to	18	in. spread,	B. & B.....	2.25	2.00	
1½	to	2	ft. spread,	B. & B.....	2.75	2.50	
2	to	2½	ft. spread,	B. & B.....	3.50	3.00	

— **sargentii.** 2'-2½'**Sargent Juniper**

Prostrate in habit, this hardy ground cover quickly forms a mat of bright grass-green foliage in a sunny spot.

12	to	15	in. spread,	B. & B.....	1.80	1.65	1.50
15	to	18	in. spread,	B. & B.....	2.25	2.00	1.80
1½	to	2	ft. spread,	B. & B.....	3.00	2.70	
2	to	2½	ft. spread,	B. & B.....	4.00		
2½	to	3	ft. spread,	B. & B.....	5.25		

JUNIPERUS—Continued

Each Ten Hundred

communis. 2½'-3'**Common Juniper**

This bushy wide spreading form is often seen in "foundation" plantings where a transitional line is needed. Spring planting, good drainage and sun preferred.

2½ to 3 ft. spread, B. & B..... 3.00

— montana. 1½'**Mountain Juniper**

In its native rocky home the large perfectly flat carpets of cheerful green are strikingly effective. The prostrate branches just reach out horizontally about a foot off the ground and cover surprisingly large areas. Scarce.

1 to 1½ ft. spread, B. & B..... 1.50 1.35

1½ to 2 ft. spread, B. & B..... 2.00 1.80

2 to 3 ft. spread, B. & B..... 2.75 2.40

3 to 4 ft. spread, B. & B..... 3.75 3.30

conferta. 9"-12"**Shore Juniper**

For a Juniper has unusually large bloomy black berries and half inch spiny pointed leaves. Rather difficult to transplant but useful for seashore planting. Bright green.

15 to 18 in. spread, B. & B..... 2.25 2.00

1½ to 2 ft. spread, B. & B..... 3.00 2.70

excelsa stricta. 5'-6'**Spiny Greek Juniper**

These blue-gray "blobs" are so often seen in window boxes, formal gardens and mixed foundation plantings.

9 to 12 in. B. & B..... .75 .65 .60

12 to 15 in. B. & B..... .90 .80 .70

15 to 18 in. B. & B..... 1.20 1.10 1.00

1½ to 2 ft. B. & B..... 2.00 1.80 1.50

2 to 2½ ft. B. & B..... 2.50 2.25 2.00

2½ to 3 ft. B. & B..... 3.00 2.70 2.40

3 to 4 ft. B. & B..... 3.75 3.30

4 to 5 ft. B. & B..... 5.25

horizontalis. 1'-2'**Creeping Savin**

Has long prostrate branches that crawl over and around stones to spread its green plumes. A sunny rocky slope with plenty of room is ideal. Tinged lavender in winter.

1 to 1½ ft. spread, B. & B..... 1.35

— Bar Harbor. 6"-12"**Bar Harbor Juniper**

Of all ground Junipers we rate this first, it actually "hugs" the ground and makes a velvety mat of gray-green foliage which in winter changes to a most attractive metallic purple and lavender coloring. Splendid for the rock garden.

9 to 12 in. spread, B. & B..... 1.50 1.35

12 to 18 in. spread, B. & B..... 2.25 2.00

— douglasi. 1'**Waukegan Juniper**

Rather slow irregular growth, steely blue foliage turning purple in winter. Irregular trailing habit effective in rocks.

1 to 1½ ft. spread, B. & B..... 1.50 1.35

1½ to 2 ft. spread, B. & B..... 2.25 2.00

2 to 2½ ft. spread, B. & B..... 3.00 2.70

— glauca. 1'**Blue Creeping Savin**

An improvement upon the green type, both in neatness and coloring. Blue gray in summer, purple in winter.

1 to 1½ ft. spread, B. & B..... 1.35 1.20 1.00

1½ to 2 ft. spread, B. & B..... 1.80 1.65

Have you read that interesting little book "Dwarf and Slow Growing Conifers" by Hornibrook? What a fascinating hobby this plant collecting is.

JUNIPERUS horizontalis—Continued Each Ten Hundred**— plumosa. 1'-2' Plumed Spreading Juniper**

Even a single plant will make a neat low dense mat of soft silver-green which gradually takes on a rich deep lavender purple color with colder weather. Handsome.

12	to	15	in. spread, B. & B.....	1.20	1.00	.90
15	to	18	in. spread, B. & B.....	1.50	1.20	1.10
1½	to	2	ft. spread, B. & B.....	2.00	1.80	1.50
2	to	2½	ft. spread, B. & B.....	2.50	2.25	
2½	to	3	ft. spread, B. & B.....	3.00		
3	to	4	ft. spread, B. & B.....	3.75		

sabina. 5'-6' Savin

A vase shape bush of dark green, dependable in exposures.

2½	to	3	ft. B. & B.....	3.00		
3	to	4	ft. B. & B.....	3.75		

— fastigiata. 10'-12' Upright Savin

The best looking and most useful form of Savin. Every branch competes with its neighbor in trying to grow erect as possible so that a well shaped dense column is formed similar to the Italian Cypress. Decidedly a good plant.

2	to	3	ft. B. & B.....	2.75	2.40	2.10
3	to	4	ft. B. & B.....	3.75	3.30	3.00
4	to	5	ft. B. & B.....	5.00	4.50	

squamata. 1'-2' Scaly Leaf Juniper

Stays "good" indefinitely and is one of the finest winter evergreens. All the creeping branches are well clothed with scaly gray-green foliage equally resistant to heat or cold, presenting a neat flat surface at all times.

12	to	15	in. spread, B. & B.....	1.80	1.65	1.50
15	to	18	in. spread, B. & B.....	2.25	2.00	1.80
1½	to	2	ft. spread, B. & B.....	3.00	2.70	2.40
2	to	2½	ft. spread, B. & B.....	4.00	3.60	3.30
2½	to	3	ft. spread, B. & B.....	5.25		
3	to	4	ft. spread, B. & B.....	7.50		

— meyeri. 6'-8' Meyer Juniper

Stiff branches and large "leaves" tend to create a coarse rugged texture quite unlike any other plant. Although bushy it has an interesting outline and the silvery blue summer dress is tinged with a lavender sheen in winter.

2	to	2½	ft. B. & B.....	3.75		
2½	to	3	ft. B. & B.....	5.25		

— variegata. 1'-2' Variegated Scaly Juniper

But for the occasional creamy white sprays, this variety is similar to the green type, just as good in winter.

12	to	15	in. spread, B. & B.....	1.80	1.65	
15	to	18	in. spread, B. & B.....	2.25	2.00	

virginiana 30'-50' Redcedar

Our well loved native Cedar which has given rise to all the following variations. Annual trimming will improve it.

2	to	3	ft. B. & B.....	1.80	1.65	
3	to	4	ft. B. & B.....	2.25	2.00	
4	to	5	ft. B. & B.....	3.00	2.70	
5	to	6	ft. B. & B.....	4.00	3.60	
6	to	8	ft. B. & B.....	6.00	5.40	

A broad mat of the lovely blue Plumbago is a thrilling picture—and it is so easy to grow too.

JUNIPERUS virginiana—Continued

Each Ten Hundred

—burki. 12'-15'**Burk's Cedar**

Forms a well shaped dense column of silvery gray until frost, then becomes overlaid with a flush of purple.

2½ to 3 ft.	B. & B.....	2.50	2.25
3 to 4 ft.	B. & B.....	3.25	3.00
4 to 5 ft.	B. & B.....	4.50	4.00
5 to 6 ft.	B. & B.....	6.00	
6 to 7 ft.	B. & B.....	9.00	
7 to 8 ft.	B. & B.....	12.00	
8 to 10 ft.	B. & B.....	15.00	13.50
10 to 12 ft.	B. & B.....	18.00	

—cannarti. 20'-25'**Cannart Cedar**

Like a true aristocrat this handsome Cedar is unobtrusively dignified and dislikes any fussy trimming that would interfere with its natural character. Columnar in outline, the surface is broken by short lateral branches making black shadow spots on a very deep green mantle of foliage. In autumn when the crop of steely blue berries are in evidence, it is almost gay enough to be saved for Christmas decoration.

2 to 2½ ft.	B. & B.....	2.00	1.80	1.65
2½ to 3 ft.	B. & B.....	2.50	2.25	2.00
3 to 4 ft.	B. & B.....	3.25	3.00	2.70
4 to 5 ft.	B. & B.....	4.50	4.00	3.60
5 to 6 ft.	B. & B.....	6.00	5.40	5.00
6 to 7 ft.	B. & B.....	9.00	8.00	7.20
7 to 8 ft.	B. & B.....	12.00	11.00	
8 to 10 ft.	B. & B.....	15.00	13.50	

—elegantissima. 15'-18'**Goldtip Redcedar**

Named from the bright yellow branchlets, turning bronzy in winter, really a warm color that doesn't look "dead."

4 to 5 ft.	B. & B.....	4.50	4.00
5 to 6 ft.	B. & B.....	6.00	

—fastigiata. 15'-20'**Upright Redcedar**

Strives to grow as erect as possible so that the whole specimen is a close compact pillar of deep green rather like the Italian Cypress—no pruning needed.

3 to 4 ft.	B. & B.....	5.00	4.50
4 to 5 ft.	B. & B.....	6.00	5.40
5 to 6 ft.	B. & B.....	7.50	

—glauca. 20'-25'**Silver Redcedar**

One might call this the blue counterpart of the Cannart Cedar. The whole irregular column is richly clad in a blue-gray mantle effective among other evergreens.

2 to 2½ ft.	B. & B.....	1.80	1.65	1.50
2½ to 3 ft.	B. & B.....	2.25	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70	2.40
4 to 5 ft.	B. & B.....	4.50	4.00	3.60
5 to 6 ft.	B. & B.....	6.00	5.40	
6 to 7 ft.	B. & B.....	9.00	8.00	
7 to 8 ft.	B. & B.....	12.00		
8 to 10 ft.	B. & B.....	15.00		

—globosa. 4'-5'**Globe Cedar**

Needs no trimming to keep it dwarf and compact. Some interesting shapes are assumed, as the plants mature.

15 to 18 in.	B. & B.....	3.00	2.70	2.40
1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.00	4.50	4.00
3 to 4 ft.	B. & B.....	10.00	9.00	

JUNIPERUS virginiana—Continued

Each Ten Hundred

—keteleeri. 18'-20'**Keteleer Cedar**

Handsome dark green leaves set off large slaty blue berries which are unusually decorative in winter. Develops into a pyramid that is compact right to its broad base.

2½ to 3 ft.	B. & B.....	2.25	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70	2.40
4 to 5 ft.	B. & B.....	4.00	3.60	3.30
5 to 6 ft.	B. & B.....	5.00	4.50	4.00
6 to 7 ft.	B. & B.....	6.50	6.00	5.40
7 to 8 ft.	B. & B.....	8.00	7.20	6.75
8 to 10 ft.	B. & B.....	10.00	9.00	8.00

—pyramidalis. 25'**Pyramidal Redcedar**

A dense narrow spire of green without any trimming.

1½ to 2 ft.	B. & B.....	1.50	1.35	1.20
2 to 2½ ft.	B. & B.....	2.25	2.00	1.80
2½ to 3 ft.	B. & B.....	3.00	2.70	2.40
3 to 4 ft.	B. & B.....	4.50	4.00	

—schotti. 20'-25'**Schott Redcedar**

More formal and lighter green than Cannart's Cedar and with occasional trimming makes a handsome column.

2 to 2½ ft.	B. & B.....	2.00	1.80	1.65
2½ to 3 ft.	B. & B.....	2.50	2.25	2.00
3 to 4 ft.	B. & B.....	3.25	3.00	2.70
4 to 5 ft.	B. & B.....	4.50	4.00	3.60
5 to 6 ft.	B. & B.....	6.00	5.40	
6 to 7 ft.	B. & B.....	9.00	8.00	
7 to 8 ft.	B. & B.....	12.00	11.00	
8 to 10 ft.	B. & B.....	15.00	13.50	

—smithi. 6'-8'**Smith Juniper**

Is quite unusual in habit and color; really an open but well furnished bush richly clad in a mantle of light grass-green foliage that remains fresh and bright all year.

1½ to 2 ft.	B. & B.....	2.00	1.80	1.65
2 to 2½ ft.	B. & B.....	2.50	2.25	2.00
2½ to 3 ft.	B. & B.....	3.25	3.00	2.70
4 to 5 ft.	B. & B.....	5.00		

—K—

KALMIA angustifolia. 3'-4'**Sheep Laurel**

EVERGREEN. Quite distinct from its more popular brother by reason of the small gray-green foliage and bunches of small pretty pink flowers. Does well in open sun.

2 to 2½ ft.	B. & B.....	3.50	3.00	
2½ to 3 ft.	B. & B.....	4.50	4.00	

latifolia. 6'-8'**Mountain Laurel**

EVERGREEN. Doubtless the most valuable and beautiful of our broadleaf evergreens. In July nothing can approach the glorious effect created by a mass of laurel with its great wealth of pink flowers. Even in zero weather the clean foliage retains its vigor and deep green color. While most adaptable to sun or shade the ideal location is slight shade.

12 to 15 in.	B. & B.....	1.50	1.35	1.20
15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	2.75	2.40	2.25
2 to 2½ ft.	B. & B.....	3.50	3.30	

KERRIA japonica fl. pl. 4'-5' **Double Kerria or Globeflower**

Green stems and rich golden flowers that in May resemble "button" chrysanthemums combine to make this a most popular "old fashioned" useful shrub. Nice for winter color.

1½ to 2 ft.	.....	.75		
2 to 3 ft.	.....	.90		

KOELREUTERIA

Each Ten Hundred

paniculata. 25'-30'**Varnish Tree**

Most conspicuous when the large loose bunches of bright yellow flowers crown the trees in July. The compound foliage is pleasing and for dry city conditions is excellent.

3	to	4	ft.	.....	1.00	.90
4	to	5	ft.	.....	1.50	1.35
5	to	6	ft.	.....	2.25	2.00
6	to	8	ft.	.....	3.25	
8	to	10	ft.	.....	4.50	

KOLKWITZIA amabilis. 6'-9'**Beauty Bush**

During late spring the common name is well deserved for the graceful slender branches are transformed to ropes of gay little pink bells. Improves with age, so don't expect many flowers on young shrubs. Very neat habit.

1½	to	2	ft.	.....	.75	.70	.60
2	to	3	ft.	.....	1.00	.90	
3	to	4	ft.	.....	1.20		

—L—

LABURNUM vulgare. 20'-25'**Golden Chain**

Golden yellow flowers hang from the green branches resembling a yellow wisteria. Plant in a sheltered spot.

4	to	5	ft.	.....	1.80	1.65
5	to	6	ft.	.....	2.25	2.00
6	to	7	ft.	.....	3.30	3.00

LAUROCERASUS schipkaensis. 6'-8'**Cherry Laurel**

EVERGREEN. Rarely seen, this handsome shrub should prove useful for bold effects with its five inch lustrous green leaves. A rather sheltered semi-shady spot is best.

1	to	1½	ft.	B. & B.....	1.50	1.35	1.20
1½	to	2	ft.	B. & B.....	2.00	1.80	1.65
2	to	3	ft.	B. & B.....	2.50	2.25	2.00

LEIOPHYLLUM buxifolium. 1'-2'**Box Sand Myrtle**

EVERGREEN. Particularly attractive and cheerful in June when small pinkish flowers bejewel the branches. Although naturally irregular the cultivated specimens are generally well shaped little cushions with small leaves.

12	to	15	in. spread, B. & B.....	2.25
15	to	18	in. spread, B. & B.....	3.00
1½	to	2	ft. spread, B. & B.....	4.00
2	to	2½	ft. spread, B. & B.....	5.25

LESPEDeza formosa. 6'-7'**Purple Bush Clover**

Reddish purple flowers just hide the clover-like leaves in July and August. Although the slender arching branches may freeze back, it quickly makes a graceful shrub.

3	to	4	ft.60
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LEUCOTHOE axillaris. 2'-3'**Lesser Leucothoe**

EVERGREEN. Although not so handsome as its dashing brother, really neater and more useful for the small border. The shiny three inch leaves are set more closely together on the arching shoots which form a broad well filled clump. Flower spikes are shorter and fewer than in "catesbaei" and the winter coloring is not so beautiful.

12	to	15	in.	B. & B.....	1.50	1.35
15	to	18	in.	B. & B.....	2.25	2.00
2½	to	3	ft. specimens B. & B.	5.00		

LEUCOTHOE—Continued

Each Ten Hundred

catesbaei. 4'-5'

Drooping Leucothoe

EVERGREEN. What a glorious welcome sight the rich purple foliage makes in winter, and even in summer the thick shiny green five inch leaves, so regularly arranged on the arching branches are striking. Then in May, graceful sprays of fragrant white flowers hang from the branches, giving the effect of a flowering fern. Handsome as Christmas decorations. Useful for shady ground cover work. Moist acid soil is ideal.

1 to 1½ ft.	B. & B.....	1.00	.90	.80
1½ to 2 ft.	B. & B.....	1.50	1.35	1.20
2 to 2½ ft.	B. & B.....	2.25	2.00	1.80
2½ to 3 ft.	B. & B.....	3.50	3.00	2.70
Specimen clumps	B. & B.....	6.00		

LIGUSTRUM amurense. 10'-12'

Amur Privet

HALF EVERGREEN. Admittedly a splendid hedge plant, but don't overlook it as a specimen shrub where the graceful lines of the spreading branches are notable.

2 to 3 ft.	.....	.20	.18	.15
3 to 4 ft.	.....	.30	.25	.20

ibota regelianum. 4'-6'

True Spreading Regel Privet

HALF EVERGREEN. Either as a hedge plant or for the shrubbery border this is a good subject with low branches.

1½ to 2 ft.	.....	.60	.54	.50
2 to 2½ ft.	.....	.75	.65	.60

ovalifolium. 10'-15'

California Privet

HALF EVERGREEN. In addition to being "the hedge plant supreme" this shrub is splendid for mass planting. Bushy plants.

		Ten	H'dr'd	Th's'nd
1½ to 2 ft.	.....	.10	.07	.05
2 to 3 ft.	.....	.15	.10	.07
3 to 4 ft.	.....	.20	.12	.09
4 to 5 ft.	.....	.50	.45	
5 to 6 ft.	.....	.60	.55	
6 to 7 ft.	.....	.90	.80	

Each Ten Hundred

vulgare **Lodense.** 2'-3'

Lodense Privet

HALF EVERGREEN. A typical privet in all except habit which is low and compact. Makes a splendid small hedge.

12 to 15 in.	.....	.30	.25	.20
15 to 18 in.	.....	.40	.35	
18 to 24 in.	.....	.50	.45	

LIQUIDAMBAR styraciflua. 100'

Sweet Gum

The swampy places where this pyramidal tree grows are transformed into beauty spots in early autumn by the blazing scarlet coloring of the star shaped leaves. Even the bare corky barked branches are interesting.

6 to 8 ft.	.....	4.00	3.60	
8 to 10 ft., 1½ to 2 in....		6.00	5.40	
10 to 12 ft., 2 to 2½ in....		8.00	7.20	
12 to 14 ft., 2½ to 3 in....		10.00		
12 to 14 ft., 3 to 3½ in....		13.50		

LIRIODENDRON tulipifera. 150'

Tulip Tree

Greenish yellow tulip-like flowers top the branchlets in June, and the unique "cut-off" shape of the leaves is remarkable. A magnificent tree with clean straight trunk.

8 to 10 ft., 1¼ to 1½ in....		3.75	3.30	
10 to 12 ft., 1½ to 2 in....		4.50	4.00	
14 to 16 ft., 2½ to 3 in....		9.00		
16 to 18 ft., 3 to 3½ in....		12.00		
18 to 20 ft., 3½ to 4 in....		18.00		

LITHOSPERMUM

Each Ten Hundred

prostratum, Heavenly Blue. 4-8"**Gromwell**

EVERGREEN. Wiry tortuous trailing stems slowly form irregular mats of deep green in which are studded the bluest of blue flowers from May to August. Acid soil, half shade.

3" Pots, 4 to 6 in.75	.60	.45
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LONICERA fragrantissima. 6'-8'**Winter Honeysuckle**

HALF EVERGREEN. So called because of persistent foliage and the early appearance of the deliciously fragrant flowers on bare branches in March. Red berries in summer.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.60	.55	.50

heckrottii. 15'-20' Vine.**Everblooming Honeysuckle**

A twining vine-like shrub which in July until September is bedecked with attractive tubular flowers of purplish-rose outside and old gold within. Floriferous and handsome.

2 year75	.65	.60
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henryi. 15'-20'**Henry Honeysuckle**

HALF EVERGREEN. Has narrow two inch rich green leaves, reddish flowers and black fruits. Attractive vine.

2 year75	.65	.60
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japonica halliana. 20'-25' Vine. Hall's Japan Honeysuckle

HALF EVERGREEN. Wherever planted this old favorite takes possession with its tropical luxuriant growth, whether as ground cover, trellis vine or bank planting, but the sweetly fragrant creamy flowers are best on a support.

2 year20	.18	.15
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korolkowi floribunda. 8'-10' Broad Blueleaf Honeysuckle

Forms a large intricately branched mound of blue-gray foliage bespangled in early summer with cherry pink bells which give place to an abundance of glittering red berries.

1 to 1½ ft. ....	.40	.35	.30
1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.65	.60	.55

maacki podocarpa. 10'-12'**Late Honeysuckle**

Rather straggling, but a vigorous habit. Brilliant red fruits.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.65	.60	.55
4 to 5 ft. ....	.80	.70	.65
5 to 6 ft.	1.00	.90	

minutiflora. 8'-10'**Bunchberry Honeysuckle**

When in full fruit the orange berries transform this into a lovely shrub. Unfortunately little known. One of the best.

2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.60	.55	.50
4 to 5 ft. ....	.75	.65	

morrowi. 7'-8'**Morrow Honeysuckle**

Distinct useful shrub of wide spreading habit handsome in June when the creamy flowers expand, and again when the bright red berries ripen. Clean gray-green foliage, vigorous.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40

LONICERA—Continued

Each Ten Hundred

notha. 8'-10'**Rutarian Honeysuckle**

Vigorous upright growing shrub useful mainly for the bright red berries in July. Pinkish flowers change to yellow.

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.60	.55	.50
3 to 4 ft. ....	.75	.65	

periclymenum belgica. 15'-20'**Dutch Woodbine**

Good healthy looking glossy foliage clothes the long vines, making excellent foil for the fragrant cream-purple flowers.

2 year .....	.60	.55	
3 year .....	.75	.65	

sachalinensis. 8'-10'**Sakhalin Honeysuckle**

Rather handsome foliage which is reddish when unfolding. The attractive dark purple flowers and bright red berries make this a useful shrub.

1½ to 2 ft. ....	.60	.55	
2 to 3 ft. ....	.75	.65	

syringantha wolffi. 4'-5'**Wolf Honeysuckle**

Short twiggy branches, some prostrate, are densely covered with small dusty green leaves, brightened up by fragrant rosy-lilac flowers and then by numerous red fruits.

2 to 3 ft. ....	.80	.70	
3 to 4 ft.	1.00	.90	

tatarica lutea. 8'-10'**Yellow Fruited Honeysuckle**

One of the few good yellow fruiting shrubs. Vigorous and easily grown. Pruning forms a shapely specimen.

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.60	.55	.50
3 to 4 ft. ....	.75	.65	.60
4 to 5 ft. ....	.90	.80	.70

— rosea. 8'-10'**Tatarian Honeysuckle**

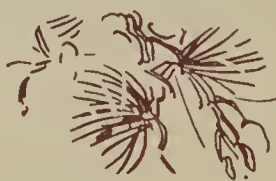
Most adaptable old favorite. This best form has pink flowers in early June followed by a crop of scarlet fruits.

1½ to 2 ft. ....	.35	.30	
2 to 3 ft. ....	.45	.40	
3 to 4 ft. ....	.60	.50	

thibetica. 3'-4'**Tibetan Honeysuckle**

For dry rocky slopes this is not only a useful but a handsome spreading shrub; pale purple flowers are followed by red berries. Leaves smooth green above, hairy white underneath.

1 to 1½ ft. ....	.80	.75	.70
1½ to 2 ft.	1.20	1.00	



QUALITY has been our guiding star for over half a century but being human we sometimes fall short of our aim—won't you please let us know if we do?

M

MAGNOLIA

Each Ten Hundred

acuminata cordata. 15'-20'

Yellow Cucumber Tree

The only yellow flowering Magnolia; also distinct by reason of its heart shaped leaves. Thrives best in a protected spot. Look up the romantic history of this tree.

4	to	5	ft.	B. & B.....	6.00	5.40
5	to	6	ft.	B. & B.....	7.50	7.00
6	to	8	ft.	B. & B.....	10.00	9.00
8	to	10	ft.	B. & B.....	13.50	12.00

amabilis. 20'-30'

Lovely Magnolia

A hybrid of the Yulan Magnolia with similar white flowers with a chocolate colored centre.

1½	to	2	ft.	B. & B.....	3.00
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conspicua. 30'-35'

Yulan Magnolia

Has a certain dignified beauty that marks the tree as an aristocrat. Sweetly scented six inch white flowers are proudly held up by bare branches in April. Good foliage.

3	to	4	ft.	B. & B.....	5.00	4.50
4	to	5	ft.	B. & B.....	6.75	6.00
5	to	6	ft.	B. & B.....	8.50	7.50

fraseri 25'-30'

Fraser Magnolia

Bold leaves a foot or more long, quite in keeping with the sweetly fragrant white flowers which are often six inches across. Where not too exposed will develop into a handsome tree with spreading branches. Rosy-red fruits.

3	to	4	ft.	B. & B.....	4.50
5	to	6	ft.	B. & B.....	6.00

glauca. 15'-20'

Sweet Bay

HALF EVERGREEN. Although rather sparingly produced during May and June, the creamy white three inch flowers are so fragrant as to permeate the air for a good distance around with a delicious gardenia-like scent. Naturally rather loose the shrub can be improved by judiciously pruning while young. Handsome lustrous leaves, mealy white underneath and red seed pods.

2	to	3	ft.	B. & B.....	2.00	1.80	1.65
3	to	4	ft.	B. & B.....	2.75	2.40	2.25
4	to	5	ft.	B. & B.....	3.75	3.30	3.00
5	to	6	ft.	B. & B.....	5.25	4.80	4.20
6	to	8	ft.	B. & B.....	7.50	6.75	

kobus. 30'-35'

Kobus Magnolia

The hardy form we have "*borealis*" is a symmetrical fast growing tree that must acquire age before blooming freely but the semi-double starry white flowers are beautiful.

2	to	3	ft.	B. & B.....	2.00	1.80	
3	to	4	ft.	B. & B.....	2.75	2.40	
4	to	5	ft.	B. & B.....	3.75	3.30	
5	to	6	ft.	B. & B.....	5.25	4.80	4.20
6	to	8	ft.	B. & B.....	7.50	6.75	6.00
8	to	10	ft.	B. & B.....	10.00	9.00	

Young vigorous perennials are preferable to large old stock—it's roots that count.

MAGNOLIA—Continued

Each Ten Hundred

liliflora nigra. 15'-18'**Purple Lily Magnolia**

Darkest of all is this rapid growing shrub with its long brownish purple flowers continually opening until late spring. The shiny leaves are distinct and even small plants bloom freely.

2	to	3	ft.	B. & B.....	2.25	2.00	1.80
3	to	4	ft.	B. & B.....	3.00	2.70	2.40
4	to	5	ft.	B. & B.....	5.00	4.50	4.00
5	to	6	ft.	B. & B.....	7.50	6.75	
6	to	8	ft.	B. & B.....	9.00		

parviflora. 10'-12'**Oyama Magnolia**

What a pity this charming shrub is not widely used. The lovely white cup shape flowers have a rosette of deep crimson stamens in the centre and their delicious fragrance is noticeable all summer as the occasional blooms expand. Give plenty of room for its full development.

2	to	3	ft.	B. & B.....	3.75	3.30	
3	to	4	ft.	B. & B.....	5.25	4.80	
4	to	5	ft.	B. & B.....	7.50	6.75	
5	to	6	ft.	B. & B.....	10.00	9.00	

reflorescens.**Magnolia**

Originally received from the Rochester Collection—similar to the Saucer type but has no outstanding character yet.

1½	to	2	ft.	B. & B.....	3.00		
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soulangeana. 18'-20'**Saucer Magnolia**

Here is the spectacular member of this glorious family. Every branch plays its part in effectively covering the whole shrub with great purplish pink cups in early spring. In small plants the white innerside of the flowers give a bicolor effect. When trained in one stem as a tree the large bold foliage is effective, especially in an avenue.

2	to	3	ft.	B. & B.....	2.25	2.00	
3	to	4	ft.	B. & B.....	3.00	2.70	2.40
4	to	5	ft.	B. & B.....	4.50	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40	5.00
6	to	7	ft.	B. & B.....	8.00	7.20	6.75
7	to	8	ft.	B. & B.....	10.00	9.00	8.00
8	to	10	ft.	B. & B.....	13.50	12.00	11.00
10	ft.	specimens		B. & B.....	24.00		

— tree form.

Trained on single stems as shade trees.

4	to	8	ft.	B. & B.....	Same price as above.		
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— alexandrina. 18'-20'**Alexander Magnolia**

Quite similar in general appearance to the Saucer Magnolia but the rose colored flowers appear a little earlier.

2	to	3	ft.	B. & B.....	3.00		
3	to	4	ft.	B. & B.....	4.50		
4	to	5	ft.	B. & B.....	6.00		
5	to	6	ft.	B. & B.....	8.00		
6	to	8	ft.	B. & B.....	10.00		
8	to	10	ft.	B. & B.....	15.00		

— lennei. 15'-18'**Lenne Magnolia**

A handsome fellow satisfied with fewer flowers, but each one a perfect rosy-purple pear shaped cup, firmly held erect, the broad thick petals are surprisingly white on the inside and flowering late are rarely damaged by frost. Even the big leathery leaves alone make this unique.

2	to	3	ft.	B. & B.....	3.00	2.70	
3	to	4	ft.	B. & B.....	4.50	4.00	3.60
4	to	5	ft.	B. & B.....	6.00	5.40	5.00
5	to	6	ft.	B. & B.....	8.00	7.20	6.75
6	to	8	ft.	B. & B.....	10.00	9.00	

MAGNOLIA soulangeana—Continued

EachTenHundred

—norbertiana. 15'-18'

Norbert Magnolia

Differs from the mother plant in having slightly smaller upright flowers giving a more formal "staccato" effect.

3	to	4	ft.	B. & B.....	4.50	4.00
4	to	5	ft.	B. & B.....	6.00	5.40
5	to	6	ft.	B. & B.....	8.00	7.20
6	to	7	ft.	B. & B.....	10.00	9.00
7	to	8	ft.	B. & B.....	12.75	11.00
8	to	10	ft.	B. & B.....	15.00	13.50

—rustica. 15'-18'

Purple Saucer Magnolia

Typical flowers—rosy red on the outside. Vigorous grower.

3	to	4	ft.	B. & B.....	4.50	4.00
4	to	5	ft.	B. & B.....	6.00	5.40
5	to	6	ft.	B. & B.....	8.00	7.20
6	to	7	ft.	B. & B.....	10.00	9.00
7	to	8	ft.	B. & B.....	12.75	11.00
8	to	10	ft.	B. & B.....	15.00	13.50

speciosa alba. 12'-15'

Showy White Magnolia

Except for a purple stained stripe on the outside the numerous flowers are white. Grows vigorously but neatly.

4	to	5	ft.	B. & B.....	6.00
5	to	6	ft.	B. & B.....	8.00
6	to	7	ft.	B. & B.....	10.00
7	to	8	ft.	B. & B.....	12.75
8	to	10	ft.	B. & B.....	15.00

stellata. 10'-12'

Star Magnolia

Appropriately named for dazzling white semi-double flowers which on bare twiggy branches herald the parade of its larger brothers. Occasionally a flush of tender pink will emphasize the purity of the narrow wavy petals. Delightfully fragrant. Naturally forms a handsome bush.

1½	to	2	ft.	B. & B.....	2.50	2.25	
2	to	2½	ft.	B. & B.....	3.50	3.00	2.70
2½	to	3	ft.	B. & B.....	4.50	4.00	3.60
3	to	4	ft.	B. & B.....	6.75	6.00	5.40
4	to	5	ft.	B. & B.....	10.00	9.00	8.00
5	to	6	ft.	B. & B.....	13.50	12.00	
6	ft. specimens			B. & B.....	18.00		

MAHONIA aquifolium. 3'-4'

Oregon Holly Grape

EVERGREEN. Thin wavy holly-like leaves vary in color from deep green to rich purple-red, especially noteworthy in winter. When happily placed not too exposed, will perfect pretty yellow flowers followed by little grape-like bunches of black fruits. A rather loose, many stemmed bush for half shade.

12	to	15	in.	B. & B.....	.90	.80	.70
15	to	18	in.	B. & B.....	1.20	1.10	1.00
1½	to	2	ft.	B. & B.....	1.80	1.65	1.50
2	to	2½	ft.	B. & B.....	2.50	2.25	

MALUS arnoldiana. 12'-15'

Arnold Crab

Enthusiasm is difficult to restrain when crabapples are in bloom. The dainty pastel shading of the airy flowers, the brilliant coloring of the fruits, the intricate branching habits, all serve to set them apart as worthy of a place in almost every planting. Arnold's Crab has semi-double flowers deep pink in bud expanding to almost white. The waxy yellow little apples are most decorative before the birds find them.

3	to	4	ft.	.....	1.35	1.20
4	to	5	ft.	1.75	1.50
5	to	6	ft.	2.50	2.25
6	to	8	ft.	3.50	3.30

MALUS—Continued

	Each	Ten	Hundred
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atrosanguinea. 12'-15'			Carmine Crab
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Dark pink shading to deep purplish crimson flowers just envelop the whole structure of branches in May. Shapely.

3	to	4	ft.	.....	1.35	1.20
4	to	5	ft.	1.75	1.50
5	to	6	ft.	2.50	2.25
6	to	8	ft.	3.50	3.30

coronaria. 15'-18'			Wild Sweet Crab
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The fragrance of the blush pink apple blossoms just penetrate the air in spring; each tree is individual.

3	to	4	ft.	.....	1.75	
4	to	5	ft.	2.50	
5	to	6	ft.	3.50	
6	to	7	ft.	5.00	

floribunda. 12'-15'			Japanese Flowering Crab
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Bright pink buds and white open flowers make a pleasing contrast. The yellow fruits about pea size will turn red if the birds are not too voracious. Truly a handsome thing.

3	to	4	ft.	.....	1.35	1.20
4	to	5	ft.	.....	1.75	1.50
5	to	6	ft.	.....	2.50	2.25
6	to	8	ft.	3.50	3.30
8	to	10	ft.	B. & B.....	7.50	to 15.00 each

—brevipes. 6'-8'			Dwarf Flowering Crab
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Very neat in growth forming a round headed dense bush aglow with red berries in fall. Splendid for a limited space.

2	to	3	ft.	1.25	
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halliana parkmanni. 12'-15'			Parkman Crab
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Irregular crooked branches help to make this a picturesque winter picture and serve excellently to display the semi-double bright rose flowers nodding on long thin stems.

3	to	4	ft.	1.75	
4	to	5	ft.	2.50	
5	to	6	ft.	3.50	
6	to	8	ft.	5.00	

ioensis plena. 15'-18'			Bechtel Crab
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Each fragrant flower resembles a little pink rose prettily dangling on a two inch stalk. Quickly develops into a formal compact little tree and is the last crab to flower.

3	to	4	ft.	1.75	
4	to	5	ft.	2.50	
5	to	6	ft.	3.50	

micromalus. 10'-12'			Midget Crab
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Lovely indeed when the little rosy buds are expanding to pale pink flowers early in May and again when little yellow pearls bejewel the whole pyramidal bush.

4	to	5	ft.	4.50	
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niedzwetzkyana. 12'-15'			Redvein Crab
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Leaves, flowers, fruit, bark and even the wood of this form are reddish purple. Improves with age. Vigorous.

3	to	4	ft.	.....	1.35	
4	to	5	ft.	.....	1.75	
5	to	6	ft.	.....	2.50	2.25
6	to	8	ft.	.....	3.50	3.30
8	to	10	ft.	B. & B.....	7.50	to 15.00 each

MALUS—Continued

Each Ten Hundred

prunifolia. 15'-18'**Pear Leaf Crab**

Handsome red or yellow apples about an inch across dangle from the strong branches and persist way into the winter. Large white flowers are so numerous as to resemble snow. One of the most spectacular fruiting trees.

4	to	5	ft.	.....	1.75	1.50
5	to	6	ft.	.....	2.50	2.25
6	to	8	ft.	.....	3.50	3.30

sargentii. 8'-9'**Sargent Crab**

An interesting shrubby habit makes this a most useful shrub for the smaller place. Hard to decide whether it is most attractive when blanketed with sparkling white flowers or when the myriad glittering red berry like fruits are strung along the spreading branches defying zero weather.

2	to	3	ft.	.....	1.75	
3	to	4	ft.	.....	2.50	
4	to	5	ft.	.....	3.50	

scheideckeri. 12'-15'**Scheidecker Crab**

Has large semi-double pure pink flowers of lasting quality followed by a profusion of waxy yellow fruits over a half inch in diameter. Somewhat formal and upright in habit.

3	to	4	ft.	.....	1.35	1.20
4	to	5	ft.	.....	1.75	1.50
5	to	6	ft.	.....	2.50	2.25
6	to	8	ft.	.....	3.50	

sieboldi. 12'-15'**Toringo Crab**

In the bud deep rose is predominant but the open flowers fade to white. Large yellow or reddish apples in autumn.

3	to	4	ft.	.....	1.35	1.20
4	to	5	ft.	.....	1.75	1.50
5	to	6	ft.	.....	2.50	2.25
6	to	8	ft.	.....	3.50	
8	to	10	ft.	B. & B.....	7.50	to 15.00 each

— calocarpa. 12'-15'**Thick Fruited Crab**

Particularly handsome while the cherry like fruits abundantly decorate the branches. The bloomy covering at first hides the brilliant scarlet coloring of these little apples but they persist until midwinter. The spring display of large pink and white flowers seems to become more beautiful each year.

3	to	4	ft.	.....	1.35	
4	to	5	ft.	.....	1.75	
5	to	6	ft.	.....	2.50	
6	to	8	ft.	.....	3.50	

spectabilis. 12'-15'**Chinese Flowering Crab**

Fragrant semi-double delicate pink flowers distinguish this beautiful upright form which for flower effect alone easily ranks among the best. Small yellow fruits are not showy.

3	to	4	ft.	.....	1.35	1.20
4	to	5	ft.	.....	1.75	1.50
5	to	6	ft.	.....	2.50	2.25
6	to	8	ft.	.....	3.50	3.30

Teucrium is a splendid hardy substitute for Boxwood edging—and speaking of edgings—do look at the surprising number of interesting dwarf Iris we have.

MALUS—Continued

Each	Ten	Hundred
1	10	100
2	20	200
3	30	300
4	40	400
5	50	500
6	60	600
7	70	700
8	80	800
9	90	900
10	100	1000

theifera. 15'-18'

Tea Crab

Even for a crab apple this is amazingly floriferous for the whole stiffly branching structure is buried under a heavy cloud of red buds and blush white flowers. The formal outline and floral effect resembles that of a cherry tree.

3	to	4	ft.	.....	1.75	
4	to	5	ft.	.....	2.50	
5	to	6	ft.	.....	3.50	
6	to	8	ft.	.....	5.00	
8	to	10	ft.	B. & B.....	7.50	to 15.00 each

toringoides. 18'-20'

Cutleaf Crab

A cloud of white in spring but when in full fruit superlatives are inadequate for description. The yellow fruits larger than a pea flushed with bright red are borne in profusion.

4	to	5	ft.	.....	2.50
5	to	6	ft.	.....	3.50

MITCHELLA repens. 2"

Partridge Berry

EVERGREEN. Round half inch white veined dark green leaves are formally arranged on the wiry little vines which hug the ground, an effective carpet in shady woods. Fragrant white flowers are followed by well known bright red berries. A gem for the rock garden and in terrariums.

3" Pots25	.20	.15
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MYRICA *carolinensis*. 5'-6'

Northern Bayberry

Few things will grow in such poor dry soil as this bayberry. The gray wax berries crowded on stiff branches last just as well when cut and dried for inside decoration as they do outside. Quickly acquires a look of age. Aromatic foliage.

12 to 15 in.	.....	.50	.45	.40
15 to 18 in.	.....	.65	.60	.54
1½ to 2 ft.	.....	.80	.70	.65
2 to 2½ ft.	.....	1.00	.90	.80

—N—

NEILLIA sinensis. 4'-5'

Neillia

It is difficult to understand why this charming shrub is so little known. The bronzy miniature maple leaves are prettily disposed on the zigzag branches, each of which in June terminates in a dainty tassel like cluster of pink flowers. In color and general appearance these flowers resemble the Trailing Arbutus. Easily grown, neat and not a bit particular as to soil.

2	to	3	ft.	.....	.90	.75
3	to	4	ft.	.....	1.20	1.00
4	to	5	ft.	.....	1.50	

NYSSA sylvatica. 60'-70'

Tupelo—Sour Gum

Wavy, knotted interlacing branches give this native peculiar interest in winter but it is the brilliant scarlet autumn color that stands out. Moist location, spring planting best.

2	to	3	ft.	.....	1.50	1.35
3	to	4	ft.	.....	2.25	2.00
4	to	5	ft.	.....	3.00	2.70
5	to	6	ft.	.....	4.50	

—O—

OXYDENDRUM arboreum. 30'-35' **Sorrel Tree—Sourwood** Each Ten Hundred

Throughout the year a handsome tree with thick shiny leaves that turn vivid scarlet early in fall and remain colored until winter. The long erect bunches of white summer flowers are not to be overlooked and even the gray fruits are conspicuous. Indispensable in landscape work.

3 to 4 ft.	B. & B.....	1.75	1.50	1.35
4 to 5 ft.	B. & B.....	2.25	2.00	1.80
5 to 6 ft.	B. & B.....	3.25	3.00	2.70
6 to 8 ft.	B. & B.....	4.50	4.00	

—P—

PACHISTIMA canbyi. 6"-9 " **Canby Pachistima**

EVERGREEN. Somewhat resembles a miniature box bush. In an open moist place will gradually spread to make a pleasing glossy green mound. For rockwork or edging.

3 year60	.54	
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myrsinites. 1½'-2' **Myrtle Pachistima**

EVERGREEN. The larger brother with leaves sometimes an inch long; and more of a bush.

3" Pots60		
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PACHYSANDRA terminalis. 6"-9" **Japanese Spurge**

EVERGREEN. Probably the most notable of all ground covers preferring shade but succeeds even in dry soil. Strong plants.

2¼" deep pots15	.10	.09
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PHELLODENDRON amurense. 40'-50' **Amur Cork Tree** Each Ten Hundred

One of the few trees that will thrive in cities. Large compound leaves and thick corky branches give the appearance of a handsome black-walnut. Withstands drought.

4 to 6 ft.	1.75	1.50	
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sachalinense. 30'-40' **Sakhalin Cork Tree**

Has dark brown rough bark and reddish branchlets. The aromatic compound leaves are somewhat smaller with fewer leaflets than in the Amur Cork Tree. Black berries with an odor of turpentine follow the loose clusters of greenish yellow flowers. Adaptable and interesting.

4 to 6 ft.	1.75	1.50	
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PHILADELPHUS coronarius. 8'-10' **Mock Orange**

Vigorous and long lived this old fashioned "Sweet Syringa" is often found planted near the door or windows of farmhouses where the delicious fragrance of its white flowers could be enjoyed in May and June.

1½ to 2 ft. ....	.30	.27	.24
2 to 3 ft. ....	.40	.36	.33
3 to 4 ft. ....	.50	.45	.40
4 to 5 ft. ....	.60	.54	

lemoinei. 4'-5' **Lemoine Mock Orange**

The sweet fragrance has been retained in this neat compact hybrid. Needs practically no pruning, but remains within bounds indefinitely, and blooms profusely.

1½ to 2 ft.40	.36	
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— **Mont Blanc. 4'-5'** **White Mountain Mock Orange**

These hybrids are most useful small shrubs that succeed in spite of many adverse conditions. None are more cheerful and dazzling than this when its annual June show is given.

1½ to 2 ft. ....	.40	.36	.33
2 to 3 ft. ....	.50	.45	.40

PHILADELPHUS—Continued

Each Ten Hundred

virinalis. 7'-8'

Virginal Mock Orange

Few shrubs have caused a greater stir of admiration than this introduction. Each flower, mostly quite double, is almost two inches across and large clusters just weigh down each branch so as to create a "heavy snowfall." The sheer white blossoms just glisten in sun or moonlight and throughout the whole summer you can enjoy the delicious fragrance from the continually opening flowers.

1½ to 2	ft.	.....	.30	.27	.24
2 to 3	ft.	.....	.40	.36	.33
3 to 4	ft.	.....	.60	.55	.50
4 to 5	ft.	.....	.80		

PHOTINIA villosa. 12'-15'

Christmas Berry

Unsung and little known but particularly handsome in autumn when the bold leathery foliage turns almost as red as the bright berries thickly strung over the bush all winter.

2 to 3	ft.	.....	.60	.54	.50
3 to 4	ft.	.....	.80	.70	.65
4 to 5	ft.	.....	1.00	.90	
5 to 6	ft.	.....	1.35		
6 to 8	ft.	.....	2.00		

PHYSOCARPUS opulifolia nana. 4'-5'

Dwarf Ninebark

One of the good small shrubs that will add interest to the border with flat-topped bunches of creamy flowers in June.

2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.60	.54	.50
4 to 5	ft.	.....	.80	.70	

PICEA asperata. 70'-80'

Rough Branch Spruce

ALL EVERGREEN. Somewhat similar to a refined Norway Spruce, but rather slow to become established. The needles are gray-green: on large trees the bark flakes off.

12 to 15	in.	.....	1.50	1.35	
15 to 18	in.	.....	2.00	1.80	
1½ to 2	ft.	.....	3.00		

bicolor. 75'-100'

Alcock Spruce

Eventually develops into a broad pyramidal tree but is rather slow at first. The four sided needles have two sides almost white and two very dark green.

1 to 1½	ft.	B. & B.....	2.50		
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excelsa. 80'-100'

Norway Spruce

Generally regarded as more valuable for windbreaks and hedges than as a decorative tree, although while young the dark green symmetrical pyramid is most useful as a Christmas tree or tub specimen. Grows rapidly.

3 to 4	ft.	B. & B.....	2.75		
4 to 5	ft.	B. & B.....	4.00		
5 to 6	ft.	B. & B.....	6.00		
6 to 8	ft.	B. & B.....	9.00		
8 to 10	ft.	B. & B.....	12.00		

— aurea. 30'-40'

Golden Spruce

The exposed side of the needles turns light yellow in spring deepening to bronze in autumn, otherwise similar to type.

9 to 10	ft.	B. & B.....	20.00		
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Please feel free to consult with us on any planting problem you may have.

PICEA excelsa—Continued

Each Ten Hundred

— **clanbrasiliana.** 4'-5'**Barry Spruce**

Forms a broad billowy mass of light green. Extremely hardy and grows more quickly than most dwarf forms.

12	to	15	in. spread, B. & B.....	3.00	2.70
15	to	18	in. spread, B. & B.....	3.50	3.30
1½	to	2	ft. spread, B. & B.....	4.50	4.00
2	to	2½	ft. spread, B. & B.....	6.75	6.00
2½	to	3	ft. spread, B. & B.....	9.00	8.00
3	to	4	ft. spread, B. & B.....	12.00	10.00

— **conica.** 6'-8'**Arrowhead Norway Spruce**

Without any trimming forms a perfectly symmetrical dense cone, admirable for formal or "foundation" work.

15	to	18	in. B. & B.....	1.80	1.65	1.50
1½	to	2	ft. B. & B.....	2.50	2.25	2.00
2	to	2½	ft. B. & B.....	3.25	3.00	
2½	to	3	ft. B. & B.....	4.50	4.00	
3	to	4	ft. B. & B.....	5.25	4.80	4.50
4	to	5	ft. B. & B.....	6.75	6.00	
5	to	6	ft. B. & B.....	8.25	7.50	

— **Dwarf forms.****Unnamed**

In this collection are some of the most interesting pygmy Spruces we have seen—just because they are not yet named need not detract from their usefulness and beauty. This is a rare opportunity to obtain some of these jewels.

12	to	15	in. spread, B. & B.....	2.00	1.80
15	to	18	in. spread, B. & B.....	3.00	2.50
18	to	24	in. spread, B. & B.....	4.50	4.00
24	to	30	in. spread, B. & B.....	6.00	5.00

— **gregoryana.** 3'**Gregory Spruce**

Another variation in this family of dwarfs. This has a broad evenly rounded form and rather pale green needles.

2	to	2½	ft. spread, B. & B.....	9.00
2½	to	3	ft. spread, B. & B.....	12.00

— **maxwelli.** 2'**Maxwell Spruce**

This, the true form, is doubtless the aristocrat of the dwarfs. It forms a broad dense cushion with thick stubby branches covered all around with thick pale green needle pointed leaves. At maturity the specimen is broader than high with slight irregularities that add to its character.

6	to	9	in. spread, B. & B.....	3.00	2.70
9	to	12	in. spread, B. & B.....	4.00	3.60

— **microsperma.** 1½'-2'**Small cone Spruce**

Diminutive in all its parts and exceedingly slow in growth—just a little green hummock, crowded with tiny needles.

12	to	15	in. spread, B. & B.....	4.00	3.60
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— **pendula.** 20'-25'**Weeping Spruce**

Creates a curious sad effect with the inverted branches growing toward the ground. The grotesque lines look well among large boulders or in exotic gardens when old.

1½	to	2	ft. B. & B.....	3.75
4	to	6	ft. B. & B.....	10.00

A broad mat of the lovely blue Plumbago is a thrilling picture—and it is so easy to grow too.

PICEA excelsa—Continued

Each Ten Hundred

— **procumbens.** 2'**Prostrate Norway Spruce**

In youth this little fellow has the shape of a flat pumpkin but slowly covers a broader area slightly adding to its height, and all through its long life is neat, well defined and beautifully clothed with short rich green needles.

9	to	12	in. spread, B. & B.....	3.00	2.70	
12	to	15	in. spread, B. & B.....	4.00	3.60	3.30
15	to	18	in. spread, B. & B.....	5.25		
2½	to	3	ft. spread, B. & B.....	12.75	11.40	

— **pumila.** 3'-4'**Dwarf Norway Spruce**

More globular than most, but very dense. Needs a little protection from winter sun but able to withstand zero.

9	to	12	in. spread, B. & B.....	3.00	2.70	
12	to	15	in. spread, B. & B.....	4.00	3.60	
15	to	18	in. spread, B. & B.....	5.25	4.80	

— **pyramidalis.** 40'-50'**Pyramidal Norway Spruce**

All the branches ascend to form a narrow pyramid.

3	to	4	ft. B. & B.....	5.00		
5	to	6	ft. B. & B.....	7.50		
10	to	12	ft. B. & B.....	18.00		

— **reflexa.** 70'-80'**Reflex Spruce**

When mature the branches droop and thus create a pleasing movement about the tree.

1	to	1½	ft. B. & B.....	2.00		
1½	to	2	ft. B. & B.....	3.00		

— **repens.** 1½'**Creeping Norway Spruce**

Wide spreading prostrate branches make a thick irregular blanket of interesting texture, quite at home among rocks.

6	to	9	in. spread, B. & B.....	2.25	2.00	
9	to	12	in. spread, B. & B.....	3.00	2.70	
12	to	15	in. spread, B. & B.....	4.00	3.60	3.30
15	to	18	in. spread, B. & B.....	5.25	4.80	4.50
1½	to	2	ft. spread, B. & B.....	6.75	6.00	5.40
2	to	2½	ft. spread, B. & B.....	9.00		

glauca conica. 8'-10'**Dwarf Alberta Spruce**

A perfect miniature reproduction of a tall forest tree, having branches crowded into a compact narrow cone with a rugged old look about it. Very thin slaty green foliage makes an exceedingly fine texture. Best where slightly shaded. Grows slowly and is extremely hardy.

15	to	18	in. B. & B.....	2.00	1.80	1.65
1½	to	2	ft. B. & B.....	3.00	2.70	2.40
2	to	2½	ft. B. & B.....	4.00	3.60	3.30
2½	to	3	ft. B. & B.....	5.00	4.50	4.00
3	to	4	ft. B. & B.....	6.00	5.40	

hunnewelliana.**Hunnewell Spruce**

A comparatively new hybrid that resembles a much glorified White Spruce. Each shoot is well clothed all around with a distinct blue gray foliage. Side branches ascend to form a neat narrow pyramid—we consider this a "find."

1	to	1½	ft. B. & B.....	3.00		
4	to	5	ft. B. & B.....	12.00		
9	to	10	ft. B. & B.....	36.00		

PICEA—Continued

Each Ten Hundred

koyamai. 40'-50'**Koyamai Spruce**

When young a broad-based cone, but lengthens into a narrow pyramid with husky looking branches. Scarce.

2	to	3	ft.	B. & B.....	3.00
3	to	4	ft.	B. & B.....	4.50
6	to	8	ft.	B. & B.....	15.00
8	to	10	ft.	B. & B.....	18.00

omorika. 60'-80'**Serbian Spruce**

We rate this as the King of Spruces, handsome from a foot high to its lofty maturity. On the under side the flat needles are lustrous green with white stripes above, giving a bicolor effect. Its narrow pyramidal outline is maintained and the severest climate does not influence its even growth.

15	to	18	in.	B. & B.....	2.00	1.80	1.65
1½	to	2	ft.	B. & B.....	3.75	3.30	3.00
2	to	3	ft.	B. & B.....	5.25	4.80	4.50
3	to	4	ft.	B. & B.....	7.50	6.75	6.00
4	to	5	ft.	B. & B.....	10.00	9.00	8.00
5	to	6	ft.	B. & B.....	13.50	12.00	
8	to	10	ft.	B. & B.....	36.00		

orientalis. 60'-70'**Oriental Spruce**

Graceful widespreading branches sweep the ground merging into a central spire which rises with classic outline to pierce the sky. Glossy blackish green needles increase its sombre dignity—a picture of aristocratic beauty. Useful in small plantings owing to its slow growth and rich color.

15	to	18	in.	B. & B.....	2.00	1.80	1.65
1½	to	2	ft.	B. & B.....	3.75	3.30	3.00
2	to	3	ft.	B. & B.....	5.25	4.80	4.50
3	to	4	ft.	B. & B.....	7.50	6.75	6.00
4	to	5	ft.	B. & B.....	10.00	9.00	8.00
5	to	6	ft.	B. & B.....	13.50		
9	to	10	ft.	B. & B.....	36.00		

polita. 60'-75'**Tigertail Spruce**

Is the most distinct of all Spruces by reason of the thick rigid spiny needles sparsely distributed around the stubby branches. An irregular interesting tree when older.

1½	to	2	ft.	B. & B.....	2.25	2.00
2	to	3	ft.	B. & B.....	3.00	2.70
3	to	4	ft.	B. & B.....	4.50	

pungens. 70'-80'**Colorado Spruce**

A bold native Spruce with dull gray-green thick needles. Quite symmetrical and handsome when young, but becomes picturesque in old age when the lower branches disappear.

2½	to	3	ft.	B. & B.....	3.00	2.70
3	to	4	ft.	B. & B.....	3.75	3.30
4	to	5	ft.	B. & B.....	5.25	4.80
5	to	6	ft.	B. & B.....	7.00	6.30
6	to	7	ft.	B. & B.....	10.00	

— glauca. 70'-80'**Colorado Blue Spruce**

From the variable seedlings has been selected this intensely "blue" form, so popular even in very small sizes.

3	to	4	ft.	B. & B.....	4.50	4.00
4	to	5	ft.	B. & B.....	6.75	6.30
5	to	6	ft.	B. & B.....	10.00	9.00
6	to	7	ft.	B. & B.....	13.50	

PICEA pungens—Continued

Each Ten Hundred

— kosteri. 50'-60'**Koster Blue Spruce**

Probably the most widely known of all evergreens, due to the brilliant silvery blue foliage, which is kept uniform by grafting selected specimens. Spectacular as a lawn specimen and ideal for the color climax or contrast in groups.

1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.00	4.50	4.00
2½ to 3 ft.	B. & B.....	6.50	6.00	5.40
3 to 4 ft.	B. & B.....	8.50	7.80	7.00
4 to 5 ft.	B. & B.....	12.00	11.00	10.00
5 to 6 ft.	B. & B.....	15.00	13.50	
6 to 7 ft.	B. & B.....	18.00	16.50	
7 to 8 ft.	B. & B.....	24.00	22.50	
8 to 10 ft.	B. & B.....	33.00	30.00	
10 to 12 ft.	B. & B.....	45.00		

PIERIS floribunda. 4'-5'**Mountain Andromeda**

EVERGREEN. Both for foliage and floral effect this hardy native is well nigh indispensable. Dark green leathery privet-like leaves remain untouched in zero weather and serve splendidly as background for the upright clusters of waxy white flowers in May. Acid soil, half shade.

12 to 15 in. spread,	B. & B.....	1.50	1.35
15 to 18 in. spread,	B. & B.....	2.25	2.00
1½ to 2 ft. spread,	B. & B.....	3.00	2.70
2 to 2½ ft. spread,	B. & B.....	4.00	3.60
2½ to 3 ft. spread,	B. & B.....	6.00	5.40
3 to 3½ ft. spread,	B. & B.....	10.00	

japonica. 6'-7'**Japanese Andromeda**

EVERGREEN. Almost the ideal shrub without a flaw. In early spring graceful pendants of waxy white urnshaped flowers are prettily interspersed among the lustrous deep green foliage. Then comes the tender green young growths beautifully winestained until the waxy leaves mature into their leathery texture defying both extreme heat and cold. In mid-winter the rugged character of the bush is emphasized by the young unopened flower buds.

12 to 15 in.	B. & B.....	1.50	1.35
15 to 18 in.	B. & B.....	2.25	2.00
1½ to 2 ft.	B. & B.....	3.00	2.70
2 to 2½ ft.	B. & B.....	4.00	3.60
2½ to 3 ft.	B. & B.....	6.00	5.40
3 to 4 ft.	B. & B.....	10.00	

PINUS cembra. 30'-40'**Swiss Stone Pine**

ALL EVERGREEN. Slow growing so it may be safely used in low plantings. Generally seen as a blunt compact pyramid clothed in soft textured coat of bluish-green needles, but eventually becomes a picturesque round topped tree.

1 to 1½ ft.	B. & B.....	3.00	2.70	2.40
1½ to 2 ft.	B. & B.....	4.50	4.00	
2 to 2½ ft.	B. & B.....	6.75		
2½ to 3 ft.	B. & B.....	10.00		
3 to 4 ft.	B. & B.....	12.75		
5 to 6 ft.	B. & B.....	18.00		

densiflora umbraculifera. 8'-10'**Japanese Umbrella Pine**

"Tanyosho" is a vivid green flat topped cushion that very slowly expands with age. An occasional "bobbing" of the new growth in spring will increase its neat formality.

3 to 4 ft. spread,	B. & B.....	8.25	7.00
4 to 5 ft. spread,	B. & B.....	12.75	11.00

PINUS—Continued

Each Ten Hundred

excelsa. 50'-60'**Himalaya Pine**

Worthy of a sheltered location where it will quickly attain majestic proportions. The wide spreading branches display the slender drooping six inch needles to great advantage.

3	to	4	ft.	B. & B.....	3.75	.
4	to	5	ft.	B. & B.....	5.00	

flexilis. 30'-40'**Limber Pine**

Often called the "Blue" Pine because of its characteristic steel gray tufts of stiff needles, but these turn dark green when old. Even young cultivated specimens show impatience to assume their native picturesque habit.

3	to	4	ft.	B. & B.....	5.00	4.50
4	to	5	ft.	B. & B.....	6.00	5.40
5	to	6	ft.	B. & B.....	7.50	6.75
6	to	7	ft.	B. & B.....	9.00	
7	to	8	ft.	B. & B.....	12.00	
8	to	10	ft.	B. & B.....	15.00	

montana mughus. 3'**Mugho Pine**

Most conspicuous in spring when the erect "candles" of new growth decorate the top of the low cushion-like bush.

12	to	15	in. spread,	B. & B.....	1.80	1.65
15	to	18	in. spread,	B. & B.....	2.25	2.00
1½	to	2	ft. spread,	B. & B.....	3.00	2.70
2	to	2½	ft. spread,	B. & B.....	3.75	3.30
2½	to	3	ft. spread,	B. & B.....	5.00	

nigra. 50'-60'**Austrian Pine**

One of the most dignified of the family, with stiff dark green six inch needles covering the vigorous up curving branches tipped with silky white buds. Succeeds on poor land even down to the seashore. Handsome.

2	to	3	ft.	B. & B.....	2.50	2.25
3	to	4	ft.	B. & B.....	3.50	3.00
5	to	6	ft.	B. & B.....	7.50	
6	to	7	ft.	B. & B.....	10.00	9.00
7	to	8	ft.	B. & B.....	13.50	12.75
8	to	10	ft.	B. & B.....	18.00	16.50
10	to	12	ft.	B. & B.....	27.00	24.00

resinosa. 60'-70'**Red Pine**

For this section doubtless the best pine for reforestation as it succeeds on the poorest land and soon prevents erosion of a barren hillside. Vigorous in any well drained location, its dark green needles make a good background.

2	to	3	ft.	B. & B.....	2.50	2.25
3	to	4	ft.	B. & B.....	3.50	3.00
4	to	5	ft.	B. & B.....	5.25	4.80
5	to	6	ft.	B. & B.....	7.50	6.75
6	to	7	ft.	B. & B.....	10.00	9.00
7	to	8	ft.	B. & B.....	13.50	12.75
8	to	10	ft.	B. & B.....	18.00	16.50
10	to	12	ft.	B. & B.....	27.00	24.00

Would you like to have a clipped Yew hedge? More than any other one factor a neat hedge, already shaped, gives a finished appearance to garden or terrace. For shapes and sizes available, see page 80, priced by the lineal foot.

PINUS—Continued

Each Ten Hundred

strobis. 80'-100'**White Pine**

Truly a noble native, handsome in its formal youth and typically picturesque in its independent old age. Extremely hardy, most adaptable. Splendid soft textured hedges can be made by shearing annually in May or June.

3	to	4	ft.	B. & B.....	3.50	3.00
4	to	5	ft.	B. & B.....	5.25	4.80
5	to	6	ft.	B. & B.....	7.50	6.75
6	to	7	ft.	B. & B.....	10.00	9.00
7	to	8	ft.	B. & B.....	13.50	12.75
8	to	9	ft.	B. & B.....	18.00	16.50

— fastigiata. 35'-40'**Upright White Pine**

Stiffly ascending branches form a narrow tree, clothed with the same soft green mantle of needles as the parent.

3	to	4	ft.	B. & B.....	5.25	4.80
4	to	5	ft.	B. & B.....	6.75	6.00
5	to	6	ft.	B. & B.....	9.00	8.00
6	to	7	ft.	B. & B.....	12.00	11.00

— nana. 2½'-3'**Dwarf White Pine**

Notwithstanding the very compact habit this little fellow is a vigorous healthy bush. Foliage is similar to the type.

15	to	18	in. spread, B. & B....	6.00	5.40
18	to	21	in. spread, B. & B....	9.00	8.00

thunbergi. 80'-100'**Japanese Black Pine**

Bold in all its parts—long rather stiff dark green needles—handsome wide spreading branches, free irregular growth and hardy even to bleak seaside exposure.

2	to	3	ft.	B. & B.....	2.25	2.00
3	to	4	ft.	B. & B.....	2.75	2.50

PLATANUS occidentalis. 100'**American Plane Tree**

Grows quite rapidly and develops into picturesque shapes. Usually seen with gnarled spotted white trunk hanging over the streams throughout the east.

10	to	12	ft., 1½ to 1¾ in.	3.00	2.70
12	to	14	ft., 1¾ to 2 in.	4.50	4.00

orientalis. 70'-80'**European Plane Tree**

For general use a far superior tree with broad leaves that resist insects, dust and smoke. Notwithstanding rapid growth the "Sycamore" attains a fabulous age. The shapely head casts comfortable shade allowing grass to grow freely, so makes a splendid lawn tree, but whether at the seashore or on the city street it "carries on."

8	to	10	ft.	2.25	2.00	1.80
8	to	10	ft., 1¼ to 1½ in.	3.00	2.70	2.40
10	to	12	ft., 1½ to 1¾ in.	4.00	3.60	3.30
10	to	12	ft., 1¾ to 2 in.	5.00	4.50	
12	to	14	in., 2 to 2½ in.	6.75	6.00	

POLYGONUM auberti. Vine, 40'-50'**Chinese Fleece Vine**

Vigorous climber that grows amazingly fast. Will effectively cover or screen undesirable objects with a dense mantle of light green leaves, topped in July with an airy webbing of fleecy white flowers. Needs sunlight.

4" Pots60	.50
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POPULUS

Each Ten Hundred

nigra italica. 60'-80' Lombardy Poplar

Familiar as the exclamation point of landscape design, the graceful spires of restless light green leaves are most useful for grouping, screening and even narrow streets.

6	to	8	ft.	.....	1.00	.90
8	to	10	ft.	.....	1.35	1.20

POTENTILLA fruticosa. 3'-4' Shrubby Cinquefoil

Cheerful yellow single flowers bejewel the compact round bush all summer even during the hottest dryest season.

12	to	18	in.	.....	.35	.30
1½	to	2	ft.	.....	.45	.40
2	to	3	ft.	.....	.60	.55

tridentata. 6" Wineleaf Cinquefoil

A tiny shrublet that manages to produce a cloud of white flowers in May and June but its crowning glory is the rich deep green coloring of the foliage, a regular mat.

3"	Pots50	.40
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PRUNUS cerasifera pissardi. 10'-12' Purple Leaf Plum

Annual pruning of old wood will intensify the reddish purple coloring of the peach like leaves. Pink flowers.

4	to	5	ft.	.....	1.00	.90	.80
5	to	6	ft.	.....	1.25		

glandulosa. 4'-5' Double Flowering Almond

Every willowy branch becomes a fairy wand of pure pink in very early spring. A real domestic favorite.

1½	to	2	ft.	.....	.70	.65	.60
2	to	3	ft.	.....	.85	.75	
3	to	4	ft.	.....	1.00	.90	

— alba. 4'-5' White Almond

Very double white flowers are the only point of difference.

2	to	3	ft.75
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maritima. 8'-10' Beach Plum

Frail dainty white blossoms lightly sprinkled over the bush serve to accentuate the bare erratic stiff branches which never seem so happy as when in large drifts at their seashore home. Beach plum jelly? Yes, this is the plant.

12	to	15	in.35	.30
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serrulata. 30'-40' Oriental Cherry

Has typical smooth chestnut brown cherry-bark with semi-double white flowers, which in May are apt to be outshone by the exquisite pageantry of its many offsprings.

10	to	12	ft.	B. & B.....	10.00
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— Amanogawa. 20'-25' Upright Cherry

A distinct form with a Lombardy Poplar style of growth. Semi-double pink flowers gracefully hang in dense clusters.

3	to	4	ft.	.....	1.50	1.35
4	to	5	ft.	.....	2.00	1.80
5	to	6	ft.	.....	3.00	2.70
6	to	8	ft.	B. & B.....	6.00	5.40

PRUNUS serrulata—Continued

Each Ten Hundred

— **autumnalis. 25'-30'****Autumn Flowering Cherry**

The semi-double pink flowers rarely fail to spring their surprise of Cherry blossoms in fall as well as in April.

3	to	4	ft.	.....	1.50
4	to	5	ft.	.....	2.00
5	to	6	ft.	.....	3.00

— **Beni-Higan. 30'-40'****Single Pink**

Great clouds of pale pink single flowers begin to expand in March and gradually envelop the whole tree.

6	to	8	ft.	B. & B.....	6.00
8	to	10	ft.	specimens, B.&B.	12.00

— **Fugenzo (Kofugen) (James H. Veitch) 30'****Double Pink**

One of the latest to bloom; the unusually large double pink flowers expand with the coppery young foliage, a nice harmony. Probably one of the most popular and reliable sorts.

4	to	5	ft.	.....	2.00
5	to	6	ft.	.....	3.00
6	to	8	ft.	B. & B.....	6.00

— **Gyoiko. 30'-40'****Double Light Green**

The green double flowers are more unique than pretty.

5	to	6	ft.	3.00
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— **Kwanzan. 30'****Double Pink**

Large very double deep pink flowers, almost red in bud, and bronze young growth coupled with its rapid growth justify the highest rating to this good form. Well formed.

3	to	4	ft.	.....	1.50	1.35
4	to	5	ft.	.....	2.00	1.80
5	to	6	ft.	.....	3.00	2.70
6	to	8	ft.	B. & B.....	6.00	5.40
8	to	10	ft.	B. & B.....	12.00	

— **Mount Fuji (Shirotae) 30'****Double White**

Undoubtedly the finest double white. Large and pure in color the flowers blanket the well formed tree like snow.

3	to	4	ft.	.....	1.50	1.35
4	to	5	ft.	.....	2.00	1.80
5	to	6	ft.	.....	3.00	2.70
6	to	8	ft.	B. & B.....	6.00	

— **Naden (Takasago). 30'-40'****Siebold Cherry**

Very showy when literally smothered in pale pink semi-double blossoms arranged in short stemmed clusters.

3	to	4	ft.	.....	1.50	1.35
4	to	5	ft.	.....	2.00	1.80
5	to	6	ft.	.....	3.00	2.70
6	to	8	ft.	B. & B.....	6.00	

— **sachalinensis. (sargentii). 30'-40'****Yama Cherry**

More vigorous and showy than the Mother tree, having large white to pink single flowers covering bare branches.

5	to	6	ft.	.....	3.00
6	to	8	ft.	B. & B.....	6.00
8	to	10	ft.	B. & B.....	12.00

There is a subtle difference about salads flavored just right with Tarragon cut fresh from your own garden.

PRUNUS serrulata—Continued

Each Ten Hundred

— **Shirofugen. 30'****Double Blush Pink**

Pink in bud, the very large double flowers become white, then gradually assume a blush as they mature. Vigorous.

5	to	6	ft.	.....	3.00	
6	to	8	ft.	B. & B.....	6.00	
8	to	10	ft.	B. & B.....	12.00	

— **Yoshino (Yedoensis). 40'-50'****Single Blush Pink**

Because of its conspicuous position around the Tidal Basin in Washington, D. C., this species is widely known, and also it is the "advance guard" of the gorgeous display during cherry blossom season. The single pink flowers become purple tinged before falling. Excellent shade tree.

5	to	6	ft.	.....	3.00	
6	to	8	ft.	B. & B.....	6.00	
8	to	10	ft.	B. & B.....	12.00	

subhirtella pendula. 12'-15'**Weeping Japan Cherry**

Is it possible to adequately describe those gossamer pink fountains that come from fairyland each spring? And yet they are sturdy trees that need little attention beyond a well-drained place in the sun. These are the popular tall stemmed kind, with pendulous branches at top only.

2	year	head		B. & B.....	3.50	
3	year	head		B. & B.....	5.00	

— — (GRAFTED LOW)

Weeping Cherry

And these have branches right from the ground to produce a more informal natural effect. Similar pink flowers.

3	to	4	ft.	B. & B.....	3.50	3.00
4	to	5	ft.	B. & B.....	5.00	4.50
5	to	6	ft.	B. & B.....	6.75	6.00
6	to	8	ft.	B. & B.....	9.00	8.00
8	to	10	ft.	B. & B.....	12.00	

— — **flore pleno. 12'-15'****Double Fl. Weeping Cherry**

Imagine if you can, a glorified Weeping Cherry with the same graceful fountain-like sweep of branches each thickly studded with double pink flowers—it is truly magnificent.

2	year	head		B. & B.....	4.50	
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tomentosa. 6'-8'**Nanking Cherry**

Each of the straight branches is completely surrounded by tiny white cherry blossoms, which give way to an exuberant crop of small scarlet cherries, relished by birds.

1½	to	2	ft.	.....	.50	.45
2	to	3	ft.	.....	.65	.60

triloba plena. 7'-8'**Double Flowering Plum**

Larger and still more gorgeous than cousin "Almond." The bright pink double flowers thickly stud each branch.

3	to	4	ft.	1.00	.90
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Perhaps some of the combination plantings on pages 132-133 will fit in your garden. Won't you please suggest others that are effective?

PSEUDOLARIX
kaempferi. 100'

Each Ten Hundred
Golden Larch

A noble survivor of prehistoric ages—particularly beautiful in spring when the flat, needle-like, feathery leaves are sprinkled in tufts along the branches. Such delicacy of shading in green is difficult to describe—then in autumn what a glorious yellow before this conifer drops its leaves.

1½ to 2	ft.	B. & B.....	2.25
2 to 3	ft.	B. & B.....	3.00
3 to 4	ft.	B. & B.....	3.75

PSEUDOTSUGA douglasi. 70'-80'

Douglas Fir

EVERGREEN. Handsome and symmetrical from the seed bed to the towering forest monarch, this Rocky Mountain form has variable gray green foliage with soft texture.

2½ to 3	ft.	B. & B.....	2.50	2.25
3 to 4	ft.	B. & B.....	3.25	3.00
4 to 5	ft.	B. & B.....	4.00	3.60
5 to 6	ft.	B. & B.....	6.00	5.40
6 to 8	ft.	B. & B.....	9.00	8.00
8 to 10	ft.	B. & B.....	13.50	12.00
10 to 12	ft.	B. & B.....	21.00	19.50

PTEROSTYRAX hispida. 40'-50'

Epaulette Tree

A rarely seen but beautiful Chinese tree which forms an open head with slender spreading branches. The five inch oval leaves are deeply veined but the crowning glory of the tree is the large graceful fringy panicles of fragrant white flowers which hang from the side branches. Should be trained to a single stem while young. Most unusual.

1½ to 2	ft.	2.00
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PYRACANTHA coccinea lalandi. 15'-18'

Laland Firethorn

EVERGREEN. But here we have quite a different character. Strong slender branches rising from the ground develop stubby side growths upon which are hung the numerous orange red berries. Altho a handsome "specimen" shrub it is seen to best advantage when trained against a wall allowing the deep green foliage to act as a back-ground for the berries. Southerly exposure is preferred.

1 to 1½	ft.	B. & B.....	1.20	1.00	.90
1½ to 2	ft.	potgrown.....	1.75	1.50	1.35
2 to 3	ft.	potgrown.....	2.25	2.00	



Should you wish to obtain any item not listed in this catalog we shall gladly endeavor to find it for you.

—Q—

Each Ten Hundred

QUERCUS alba. 100'

White Oak

The monarch! Of tremendous spread, rugged and slow in growth but a permanent fixture. Insists upon spring planting—careful handling—preferably small sizes.

6	to	8	ft.	.....	3.75
8	to	10	ft.	.....	4.50

coccinea. 80'-90'

Scarlet Oak

The brilliant scarlet of late autumn is characteristic of this handsome round topped tree. Has somewhat smaller and more deeply cut leaves than the Red Oak.

8	to	10	ft.	.....	4.50
8	to	10	ft., 1¼ to 1½ in.	....	6.00
10	to	12	ft., 1½ to 1¾ in.	....	7.50

macrocarpa. 80'

Mossycup Oak

Although in the White Oak family a vigorous grower of typical picturesque outline and interesting corky branches.

6	to	8	ft.	.....	3.75
8	to	10	ft., 1¼ to 1½ in.	....	6.00
10	to	12	ft., 1½ to 1¾ in.	....	7.50

palustris. 70'-80'

Pin Oak

Most adaptable of the family this handsome fellow is used extensively for avenues where the trim pyramidal head accentuates distance. Deeply cut shiny foliage turns rich crimson in autumn transforming its swamp homeland where the old patriarchs rear their rugged irregular heads on a tall straight trunk devoid of lower branches.

8	to	10	ft., 1¼ to 1½ in.	....	3.25	3.00
10	to	11	ft., 1½ to 1¾ in.	....	4.50	4.00
11	to	12	ft., 1¾ to 2 in.	....	6.00	5.40
12	to	14	ft., 2 to 2½ in.	....	8.00	7.00
14	to	16	ft., 2½ to 3 in.	....	10.00	9.00
14	to	16	ft., 3 to 3½ in.	....	13.50	12.00
16	to	18	ft., 3½ to 4 in.	....	18.00	16.50
18	to	20	ft., 4 to 5 in.	....	27.00	24.00
18	to	20	ft., 5 to 6 in.	....	36.00	

robur. 120'

English Oak

A long lived tree with round lobed leaves that do not change color appreciably in fall. Has a short thick trunk with enormous wide spreading branches—after a lifetime.

4	to	6	ft.	.....	2.00
6	to	8	ft.	.....	2.75

rubra. 70'-80'

Red Oak

Typically oak-like this majestic tree soon acquires size and an ageless look. Beginning in spring on fuzzy tender pink clusters the glossy green leaves become stained and blotched with warm crimson red in autumn and hang on till spring. Wide spreading branches—irregular outline.

8	to	9	ft.	.....	3.25	3.00
9	to	10	ft., 1¼ to 1½ in.	....	4.50	4.00
10	to	12	ft., 1½ to 1¾ in.	....	6.00	5.40
10	to	12	ft., 1¾ to 2 in.	....	8.00	7.20
12	to	14	ft., 2 to 2½ in.	....	10.00	9.00
14	to	16	ft., 2½ to 3 in.	....	13.50	12.00
14	to	16	ft., 3 to 3½ in.	....	18.00	16.50
16	to	18	ft., 3½ to 4 in.	....	24.00	
18	to	20	ft., 4 to 5 in.	....	30.00	

R

RHAMNUS caroliniana. 20'-25' Each Ten Hundred **Carolina Buckthorn**

Handsome deep green leaves make a splendid background. Red berries change to black. A good dominant shrub.

4	to	6	ft.	1.20	1.00
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cathartica. 10'-12' **Common Buckthorn**

Good background shrub with glittering black berries.

1½	to	2	ft.40	.35
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2	to	3	ft.50	.45
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3	to	4	ft.60	.50
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frangula. 8'-10' **Glossy Buckthorn**

For its shiny attractive foliage alone it is worth a place as background and the berries turn from red to black.

1½	to	2	ft.40	.35
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2	to	3	ft.50	.45
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3	to	4	ft.60	.55
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RHODODENDRON arbutifolia. 4' **Daphne Rhododendron**

EVERGREEN. The lovely pure pink little fairy bells brighten the shapely compact bush in June. Leaves are dull green, thick and about one and one half to three inches long. Of all the dwarf varieties this has proved most reliable with us. Should be used much more freely.

12	to	15	in. spread, B. & B.....	3.00	2.70
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15	to	18	in. spread, B. & B.....	4.00	3.60
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1½	to	2	ft. spread, B. & B.....	5.50	5.00	4.50
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2	to	2½	ft. spread, B. & B.....	7.50	6.75	6.00
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2½	to	3	ft. spread, B. & B.....	10.00	
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canadense. 3'-4' **Rhodora**

Shy as most woodland subjects are the charming Rhodora of poetical fame is seldom seen. Tender purple flowers are borne on bare twigs brightening its moist shady home.

2	to	3	ft.	B. & B.....	2.50
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carolinianum. 5'-6' (Nursery Grown) **Carolina Rhododendron**

EVERGREEN. In an open sunny place the charming pink May bells are more colorful and the whole plant is more bushy, although half shade is quite satisfactory on acid soil.

15	to	18	in.	B. & B.....	2.25	2.00	1.80
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1½	to	2	ft.	B. & B.....	3.00	2.75	2.40
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2	to	2½	ft.	B. & B.....	4.00	3.60	3.30
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2½	to	3	ft.	B. & B.....	5.25	4.80
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3	to	4	ft.	B. & B.....	6.75
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— album. 5'-6' (Nur. Grown) **White Carolina Rhododendron**

EVERGREEN. White flowers and slightly larger leaves.

2	to	2½	ft.	B. & B.....	4.00	3.60
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2½	to	3	ft.	B. & B.....	5.25
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3	to	4	ft.	B. & B.....	6.75
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catawbiense. 8'-10' (Nur. Grown) **Catawba Rhododendron**

EVERGREEN. It is natural to assume the parent of many hybrids should possess excellent qualities, and it does. Few native shrubs make such a gorgeous display as the great masses of rosy-purple flowers in May and June. Acid soil is of course necessary and broken shade ideal.

1	to	1½	ft.	B. & B.....	2.25	2.00
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1½	to	2	ft.	B. & B.....	3.25	3.00
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2	to	2½	ft.	B. & B.....	4.50	4.00
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2½	to	3	ft.	B. & B.....	6.00	5.40
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3	to	4	ft.	B. & B.....	8.50	7.50
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RHODODENDRON—Continued

Each Ten Hundred

maximum. 12'-15' (Nursery Grown) Rosebay Rhododendron

EVERGREEN. Essentially a shade plant, the "Great Laurel" forms the backbone of most woods plantings, where the leathery six inch leaves are of even greater landscape value than the pale pink flowers. Late May and June is "laurel season" but if happily placed in acid soil, preferably in masses, the rich foliage effect is pleasing and dignified the year round.

1	to	1½ ft.	B. & B.....	2.00	1.80	1.65
1½	to	2 ft.	B. & B.....	2.75	2.40	2.10
2	to	2½ ft.	B. & B.....	3.50	3.00	2.70
2½	to	3 ft.	B. & B.....	4.50	4.00	3.60
3	to	3½ ft.	B. & B.....	5.75	5.25	4.80
3½	to	4 ft.	B. & B.....	7.00	6.50	
4	to	5 ft.	B. & B.....	9.00	8.00	
5	to	6 ft.	B. & B.....	12.00		
6	to	7 ft.	B. & B.....	15.00		

minus (punctatum). 6'-8' Piedmont Rhododendron

EVERGREEN. A loose open grower with smaller leaves than "Rosebay." Attractive rosy-pink flowers almost hidden by the young growth in June. Half shade.

2	to	3 ft.	B. & B.....	5.00		
3	to	4 ft.	B. & B.....	7.50		

myrtifolium. 3'-4' Myrtle Leaf Rhododendron

EVERGREEN. A neat compact shrub always well clothed with smooth leaves about one to two inches long, generally covered with brownish scales underneath. The clusters of light rosy pink funnel shaped flowers open in May.

12	to	15 in. spread,	B. & B.....	3.50	3.00	
15	to	18 in. spread,	B. & B.....	4.50	4.00	
1½	to	2 ft. spread,	B. & B.....	6.00		
2	to	3 ft. spread,	B. & B.....	10.00	to 15.00	each

racemosum. 1'-2' Mayflower Rhododendron

EVERGREEN. Quite variable but with us a delightful shrublet that is almost prostrate making a little pad of rich shiny green leaves about an inch long. When the racemes of pale pink flowers appear in May it looks almost like a glorified Trailing Arbutus. Nice rock plant.

9	to	12 in. spread,	B. & B.....	2.50	2.25	
12	to	15 in. spread,	B. & B.....	3.50	3.00	
15	to	18 in. spread,	B. & B.....	5.00		

wilsoni. 4'-5' Wilson Rhododendron

EVERGREEN. According to the collector, E. H. Wilson, this is one of the most beautiful of Chinese Rhododendrons, and even though the flesh pink flowers are not remarkable with us, it is distinctly valuable for foliage.

12	to	15 in. spread,	B. & B.....	3.50	3.00	2.70
15	to	18 in. spread,	B. & B.....	4.50	4.00	3.60
1½	to	2 ft. spread,	B. & B.....	6.00		
2	to	2½ ft. spread,	B. & B.....	9.00		

Most of our native plants, ferns, and the doubtful movers such as Poppies are grown in pots for convenience and safety in planting.

RHODODENDRON—Continued

Each Ten Hundred

NAMED HYBRIDS.

(ALL EVERGREEN)

The grafted named varieties flower much more freely than any others. Individual flowers are larger, more brilliantly colored than Catawba and are produced in enormous bunches held erect above the canopy of splendid foliage. Although acid soil is necessary these grafted hybrids do quite well in open sunlight but prefer light shade.

Letters indicate sizes in stock.

album elegans. 10'-12' B. C. D. E. F. G. H. J.

Grows quickly into tall narrow bush; white flushed pink.

Everestianum. 5'-6' A. B. C. D. E.

Prettily frilled lilac-pink flowers, compact, reliable.

maximum roseum. 8'-10' C. D. E. F.

Deeper pink and more profuse than type. Same foliage.

roseum elegans. 8'-10' A. B. C. D. E. F. G. H. J.

The most reliable and vigorous of all hybrids. Bright rose-pink flowers in great clusters almost hide handsome foliage.

roseum superbum. Lovely soft rose; vigorous habit. B. C. D. E.

Prices for varieties named above.

A. 12 to 15 in.	B. & B.....	2.25	2.00
B. 15 to 18 in.	B. & B.....	3.00	2.70
C. 1½ to 2 ft.	B. & B.....	4.00	3.60
D. 2 to 2½ ft.	B. & B.....	5.00	4.50
E. 2½ to 3 ft.	B. & B.....	6.75	6.00
F. 3 to 3½ ft.	B. & B.....	9.00	8.25
G. 3½ to 4 ft.	B. & B.....	13.50	12.00
H. 4 to 5 ft.	B. & B.....	16.50	15.00
J. 5 to 6 ft.	B. & B.....	21.00	

America. 5'-6'. Bright cheerful red. A. B. C.

Amphion. 6'-8'. Large white eye, pink edges. B. C. D.

Atrosanguineum. 6'-8'. Bright red. Early. B. C. D.

Caractacus. 6'-8'. Gorgeous rich crimson. B. C. D. E. F. G.

catawbiense album. 6'-8'. Pure white. B. C. D. E. F. G.

Charles Bagley. 7'-8'. Brilliant cherry-red. B. C. D. E. F.

Delicatissimum. 6'-8' Tender pink. B. C. D. E. F. G. H.

Dr. H. C. Dresselhuus. 6'-8' Good lively red. A. B. C. D. E.

E. S. Rand. 6'-8'. Large rich crimson, darker eye. B. C. D.

Giganteum. 8'-10'. Large trusses of deep rose. C. D.

H. H. Hunnewell. 7'-8'. Dark crimson, rich tone. B. C. D.

H. W. Sargent. 6'-8'. Splendid foliage, crimson. D. E.

Ignatius Sargent. 6'-8'. Vigorous, bright rosy red A. B. C.

Lady Armstrong. 6'-8'. Light pink spotted with green. H.

Mrs. C. S. Sargent. 6'-8'. Glowing pink. A. B. C. D. E. F.

Old Port. 6'-8'. Unique, reddish violet. A. B. C. D. E.

Parson's rubrum. 6'-8'. Deep purplish red. D. E. F. G.

Purpureum elegans. 6'-8'. Purple opening to lavender. G. H.

A. 12 to 15 in.	B. & B.....	3.00	2.70
B. 15 to 18 in.	B. & B.....	4.00	3.60
C. 1½ to 2 ft.	B. & B.....	5.00	4.50
D. 2 to 2½ ft.	B. & B.....	6.75	6.00
E. 2½ to 3 ft.	B. & B.....	9.00	8.25
F. 3 to 3½ ft.	B. & B.....	13.50	12.00
G. 3½ to 4 ft.	B. & B.....	16.50	15.00
H. 4 to 5 ft.	B. & B.....	21.00	

RHODODENDRON—Continued

Each Ten Hundred

Boule de Nieve. 4'-5'

Snowball Rhododendron

Extremely hardy, this dwarf form retains its irregular mounded outline, well furnished with light green leaves and liberally dotted with large clusters of white flowers.

15	to	18	in. spread, B. & B.....	4.50	4.00
1½	to	2	ft. spread, B. & B.....	6.00	5.40
2	to	2½	ft. spread, B. & B.....	8.00	7.20
2½	to	3	ft. spread, B. & B.....	10.00	9.00
3	to	3½	ft. spread, B. & B.....	13.50	12.00

Assorted Hybrids.

Separate colors

These are varieties that have been propagated because of their good color and growth but have not been identified.

Pink		Red		Lilac		Purple	
15	to 18 in.	B. & B.....		2.25	2.00		
1½	to 2 ft.	B. & B.....		3.00	2.70		
2	to 2½ ft.	B. & B.....		4.00	3.60		
2½	to 3 ft.	B. & B.....		5.00	4.50		
3	to 3½ ft.	B. & B.....		6.75	6.00		

RHODOTYPOS kerrioides. 5'-6'

Jetbead

A compact well furnished shrub studded in May and June with four-petal flowers that are as intensely white as the shiny bead-like fruits are jet black, persisting all winter.

1½	to 2	ft. ....	.40	.35	.30
2	to 3	ft. ....	.50	.45	

RHUS canadensis. 4'-5'

Fragrant Sumach

Clusters of yellow shiny flowers precede the glistening little grape-like bunches of coral-red globules that ripen in June. The aromatic foliage turns brilliant orange and scarlet in autumn. Vine-like habit is particularly useful.

1½	to 2	ft. ....	.60	.55	.50
2	to 3	ft. ....	.75	.65	.60
3	to 4	ft.	1.00	.90	

cotinus. 12'-15'

Smoke Tree

Until the filmy purplish cloud of fruit cluster becomes so noticeable in July we are apt to overlook the fine qualities of this handsome shrub. The clean flat round leaves are stained pink while young, then mature with yellow and purple tones in fall. As a specimen few shrubs can equal its bold rugged outline which is accentuated as the thick branches become gnarled with great age.

2	to 3	ft. ....	.85	.75	
3	to 4	ft.	1.00	.90	
4	to 5	ft.	1.35	1.20	1.00
5	to 6	ft.	2.00	1.80	1.65
6	to 7	ft.	2.75	2.40	

ROBINIA hispida. 6'-8'

Rose Acacia

Clusters of bright rose colored sweet pea-like flowers hang from the slender branches in May. By means of spreading underground stems a mass is quickly formed and this habit is utilized for holding slopes. Thrives even on poor soil.

1½	to 2	ft. ....	.35	.30	
2	to 3	ft. ....	.50	.45	
3	to 4	ft. ....	.75		

ROSA	Each	Ten	Hundred
blanda. 3'-4'	Meadow Rose		
Lovely pink flowers about two inches across are sparsely produced on thornless reddish branches in May.			
1½ to 2 ft. ....	.50	.45	
2 to 3 ft. ....	.65	.60	
Dorothy Perkins.	Double Pink		
Good old favorite and worthy of its place.			
2 year strong .....	.60	.50	.40
Excelsa.	Double Red		
The red counterpart of Dorothy Perkins. Shiny foliage.			
2 year strong .....	.60	.50	.40
F. J. Grootendorst. 4'-5'	Grootendorst Rose		
Although small, the red flowers are produced over a long season; bushy habit is useful for hedging. Splendid foliage.			
2 to 3 ft. ....	.60	.55	
3 to 4 ft. ....	.75	.65	
4 to 6 ft.	1.00	.90	
hugonis. 6'-8'	Hugonis Rose		
In early May each arching branch becomes almost overnight a beautiful rope of clear yellow single flowers. And the fernlike foliage alone justifies its use in the border.			
2 to 3 ft. ....	.75	.65	
humilis (carolina). 3'	Pasture Rose		
The charming pink single roses about one and a half inches across brightening the roadside in June belong to this native. Quickly becomes established in the sun.			
1½ to 2 ft. ....	.50	.40	.35
2 to 2½ ft. ....	.60	.50	.45
2½ to 3 ft. ....	.75	.60	.55
lucida (virginiana). 2'-6'	Virginia Rose		
Has large shining leaves and goodly numbers of rose pink flowers lasting into July. A good native to introduce.			
1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.60	.55	.50
3 to 4 ft. ....	.80	.70	
— alba. 2'-4'	White Virginia Rose		
Typical except for the translucent pearly white flowers.			
1½ to 2 ft. ....	.60	.55	
2 to 3 ft. ....	.75		
multiflora. 9'-10'	Japanese Rose		
Small fragrant single white flowers in June—Vigorous.			
1½ to 2 ft. ....	.30	.25	
2 to 3 ft. ....	.40	.35	
3 to 4 ft. ....	.50	.45	

Would you like to have a clipped Yew hedge? More than any other one factor a neat hedge, already shaped, gives a finished appearance to garden or terrace. For shapes and sizes available, see page 80, priced by the lineal foot.

—S—

Each Ten Hundred

SALIX babylonica. 30'-40' Babylon Weeping Willow

Long stringy branches droop vertically to the ground, and with the narrow light green leaves create a soft velvety texture. Grows rapidly especially when close to water.

4	to	6	ft.	.....	1.35	1.20
6	to	8	ft.	.....	2.00	1.80
8	to	10	ft.	.....	3.00	2.70
10	to	12	ft.	.....	4.00	

pentandra. 30'-40' Laurel Willow

Well named for the rich green shiny foliage serves to make this an ideal quick background, at seashore or inland.

6	to	8	ft.	1.50	
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SAMBUCUS pubens. 10'-12' Scarlet Elder

One of the earliest shrubs to display its brilliant scarlet berries in great bunches. For wild gardens, large borders or rocky bank, it is ideal.

3	to	4	ft.50	
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SCHIZOPHRAGMA hydrangeoides. 25'-30' Hydrangea Vine

For permanence this self-clinging vine is most desirable. The round leaves are about four inches across and shingle a wall beautifully. Quite similar to the climbing Hydrangea this can be identified by the single petaled bracts among the more numerous true flowers.

4" Pots	1.50	
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SCIADOPITYS verticillata. 20'-25' Umbrella Pine

EVERGREEN. So called because the thick four inch leaves are arranged in whorls similar to the ribs of an umbrella. These dark green glossy needles handsomely clothe the branches which make a dense pyramidal head. Growing very slowly it can be safely used in low plantings. Drainage is essential for this unique beautiful conifer.

7	to	8	ft.	B. & B.....	30.00	
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SOPHORA japonica. 60'-70' Chinese Scholar Tree

Improves with age as the tortuous branches assume interesting shapes, and the crop of greenish yellow pea-shaped flowers increases. Really a fine tree that should be used for avenue or specimen purposes. Easily satisfied as to soil.

3	to	4	ft.	.....	2.00	1.80	1.65
4	to	5	ft.	.....	3.00	2.70	2.40
5	to	6	ft.	.....	4.00	3.60	

viciifolia. 5'-6' Vetch Leaf Sophora

Clusters of porcelain blue or pale violet pea blossoms appear in June to decorate this shrub. Dry sunny spot.

2	to	3	ft.	1.50	
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Alpines and rock plants are listed alphabetically in the perennial chart—a really notable collection.

SORBARIA

Each Ten Hundred

arborea glabrata. 12'-15'**Tree Spirea**

All too rarely is this bold handsome August blooming shrub seen. The feathery bunches of flowers are often two feet long, gracefully held aloft or extended at ends of arching branches. Large compound leaves add to the tropical effect.

2	to	3	ft.	.....	.75	.65
3	to	4	ft.	.....	1.00	.90
4	to	6	ft.	.....	1.50	1.35

sorbifolia. 5'-6'**Ural False Spirea**

Quickly spreads by suckers to make a handsome clump well clothed with refined ash-like foliage, topped in August by creamy panicles of fuzzy flowers. Easily grown.

1½	to	2	ft.	.....	.40	.35
2	to	3	ft.	.....	.50	.45
3	to	4	ft.	.....	.65	.60

SORBUS aucuparia. 25'-30'**European Mountain Ash**

Ideal for the small lawn, the Rowan tree is extremely popular in Europe, where the great clusters of orange-red fruits figure in song and story, but here they serve the more practical purpose of food for robins. Good drainage.

6	to	8	ft.	.....	2.75	
8	to	9	ft.	.....	3.50	

SPIRAEA Anthony Waterer. 3'**Waterer Spirea**

Flat topped heads of rose pink flowers are produced all summer. Compact useful shrub for "facing" tall border.

12	to	15	in.	.....	.30	.27	.24
15	to	18	in.	.....	.40	.36	.33
1½	to	2	ft.	.....	.50	.45	.40
2	to	3	ft.	.....	.60	.55	

prunifolia. 7'-8'**Bridal Wreath**

The erect branches are in May gracefully arched over by the profusion of tiny double white flowers that are borne in clusters along the upper stems. The handsome dark green foliage turns orange and finally scarlet in Autumn.

1½	to	2	ft.	.....	.50	.40
2	to	3	ft.	.....	.60	.50
3	to	4	ft.	.....	.75	.65

thunbergi. 4'-5'**Thunberg Spirea**

Even finer than "arguta" this feathery light green shrub is a bank of snow in April when every twig bears its quota of white flowerlets. Orange and scarlet autumn coloring.

1½	to	2	ft.	.....	.40	.35	.30
2	to	3	ft.	.....	.50	.45	.40

trichocarpa. 5'-6'**Korean Spirea**

Quite similar but coarser than Van Houtte which flowers about three weeks before this neat broad spreading bush.

1½	to	2	ft.	.....	.40	.35	.30
2	to	3	ft.	.....	.50	.45	.40
3	to	4	ft.	.....	.70	.65	.60

triloba. 3'-4'**Three Lobe Spirea**

Has unfortunately been eclipsed by the offspring "Van Houtte" to which it is similar but smaller in every part. Really very beautiful and useful as a low "facing" shrub.

1½	to	2	ft.50		
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SPIRAEA—Continued

Each Ten Hundred

van houttei. 6'-8'**Van Houtte Spirea**

Generally "overdone" but nevertheless very beautiful in June, when the arching branches are transformed into snowy garlands which defy description. Fortunately no special soil or location is needed but space it must have and please don't prune formally or "bob" its growth.

1½ to 2 ft. ....	.35	.30	.25
2 to 3 ft. ....	.40	.35	.30
3 to 4 ft. ....	.50	.45	.40
4 to 5 ft. ....	.65	.60	

STAPHYLEA colchica. 10'-12'**Colchis Bladdernut**

Interesting because of its pale green inflated seed pods but not showy. In June the upright clusters of yellowish white flowers can be traced by their delicate fragrance.

2 to 3 ft. ....	.80	.70	
3 to 4 ft.	1.00	.90	
4 to 5 ft.	1.25	1.00	

STEPHANANDRA flexuosa. 5'-6'**Cutleaf Stephanandra**

Graceful arching branches well clothed with finely cut bright green leaves changing to reddish purple in autumn. Never grows "out of hand," a useful filler.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.60	.55	.50
4 to 5 ft. ....	.75	.70	

STEWARTIA pentagyna. 12'-15'**Mountain Stewartia**

Throughout June surprisingly handsome white bowl-shaped flowers three inches across, continue to open on the young branches. The centre of each flower is accentuated by a mass of golden yellow anthers. The cinnamon brown bark and interesting branching habit commend it for winter effect too. Little known and rarely used this handsome fellow will warm the heart of any plant lover.

1½ to 2 ft. B. & B.....	1.50	1.35	
2 to 3 ft. B. & B.....	2.50	2.25	
3 to 4 ft. B. & B.....	3.50		

pseudo-camellia. 25'-30'**Japanese Stewartia**

Why has this lovely thing been overlooked or neglected? The erect growing branches of young plants quickly indicate a more erect tree, but this is just as desirable as its Mountain relative. Cup shaped white flowers are slightly smaller but the foliage is just as handsome, and when older the reddish bark peels off in large flakes.

4 to 5 ft. B. & B.....	4.50	4.00	
5 to 6 ft. B. & B.....	6.00	5.40	
6 to 8 ft. B. & B.....	7.50	6.75	

STRANVAESIA davidiana. 12'-15'**David Stranvaesia**

EVERGREEN. Handsome indeed where the loose bunches of orange scarlet berries shine out against the rich deep green broad leaves. Given a sheltered spot it will well repay one.

1 to 1½ ft. B. & B.....	1.20	1.00	
1½ to 2 ft. B. & B.....	1.50	1.35	
2 to 3 ft. B. & B.....	2.00	1.80	

— undulata. 10'-12'**Wavy Leaf Stranvaesia**

EVERGREEN. Quite similar to the type but has slightly smaller more wavy leaves and the berries are orange.

1½ to 2 ft. B. & B.....	1.80		
2 to 2½ ft. B. & B.....	2.25		

STYRAX

Each Ten Hundred

japonica. 18'-20'**Japanese Snowbell**

To say merely "a beautiful tree" is almost a travesty on this comparatively unknown subject. In July the wide spreading branches are closely strung with nodding pure white bells, an exceedingly handsome picture. Specimens or lawn plants are more effective than in mass.

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.75	.70	
3 to 4 ft.	1.00	.90	.80
4 to 6 ft.	1.50	1.35	1.20
6 to 8 ft.	2.25	2.00	

obassia. 25'-30'**Fragrant Snowbell**

Strikingly large round handsome leaves partially hide the well shaped white flowers but the fragrance causes one to look up and see the loose bunches along the branches. Rarely seen but splendid, appreciated when known.

3 to 4 ft.	2.00		
8 to 10 ft. B. & B.	7.50		
10 to 12 ft. specimens, B. & B.	10.00		

SYMPHORICARPOS chenaulti. 3'-4'**Chenault Coralberry**

Quite an improvement on the Coralberry of which this is a hybrid. Always neat and well furnished in appearance particularly handsome when the slender branches are laden with the bunches of coral red fruits, which persist.

2 to 3 ft. ....	.45	.40	.35
3 to 4 ft. ....	.55	.50	.45
4 to 5 ft. ....	.70	.65	

racemosus. 4'-5'**Snowberry**

Well loved for the large white berries which weigh down the willowy branches in September, widely used for inside decorations. Happiest in half shady spot but adaptable.

1½ to 2 ft. ....	.35	.30	
2 to 3 ft. ....	.45	.40	
3 to 4 ft. ....	.55	.50	.45

vulgaris. 4'-5'**Coralberry**

Like the Snowberry is not fastidious as to soil and location, in fact does well even in a dry shady place where the bunched coral berries remain bright until early spring. Somewhat straggling but splendid for naturalizing.

1½ to 2 ft. ....	.30	.27	.24
2 to 3 ft. ....	.40	.35	.30
3 to 4 ft. ....	.50	.45	.40
4 to 5 ft. ....	.60	.55	

SYMPLOCOS paniculata. 20'-25'**Turquoise Berry**

Just imagine a well grown Hawthorn heavily laden with turquoise blue berries and you have an idea of what this rarity looks like in autumn, a magnificent sight. In spring white flowers are quite conspicuous and an intricate arrangement of branches show in winter. Drainage please.

2 to 3 ft.	1.00	.90	.80
3 to 4 ft.	1.35	1.20	1.00
4 to 5 ft.	2.00	1.80	1.65
5 to 6 ft.	3.00		

Consult our list of "forgotten plants" on page 119.

SYRINGA

Each Ten Hundred

chinensis. 12'-15'

Chinese Lilac

Slender graceful branches terminate in compact clusters of purple lilac flowers. This hybrid form is generally conceded as better than its parent "persica" for cutting.

1½ to 2	ft.	.....	.50	.45	.40
2 to 3	ft.	.....	.70	.65	.60
3 to 4	ft.	.....	.90	.80	.70

— saugeana. 12'-15'

Purple Chinese Lilac

An even better variety with glowing purple-red flowers and far better foliage. Grows more vigorously too. Both are at their best in May and develop into handsome specimens.

1½ to 2	ft.	.....	.50	.45	.40
2 to 3	ft.	.....	.70	.65	.60
3 to 4	ft.	.....	.90	.80	.70

persica. 8'-10'

Persian Lilac

Doubtless will always be popular for its fragrant pale lilac flowers which are loosely arranged on thin branches.

1½ to 2	ft.	.....	.60	.55	
2 to 3	ft.	.....	.75	.70	

vulgaris. 12'-15'

Common Purple Lilac

A great old commoner, the mere mention of which never fails to recall the delicious fragrance of May. By close association with man from early days, has become an institution. The lovely flowers will smile at you every year, if given a sunny spot with sweet soil.

1½ to 2	ft.	.....	.35	.30	.25
2 to 3	ft.	.....	.45	.40	.35
3 to 4	ft.	.....	.60	.55	.50

— alba. 12'-15'

Common White Lilac

Is the white form more fragrant? Just try them side by side.

1½ to 2	ft.	.....	.40	.35	.30
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.75	.65	

French Lilacs. 8'-15'

Hybrid Lilac

Alphonse Lavalle. Med. sized, double flowers, lilac. A.B.C.
Charles Joly. Double bright purple-crimson. A. B. C.
De Mirabel. Single bluish violet large trusses, dwarf. A.B.
Edith Cavell. Double white. Handsome sturdy bush. A. B.
Emil Gentil. Bright cobalt blue and really double. A. B. C.
Jean Mace. Very large double purple-blue. A.B.
Katherine Havemeyer. Large double flowers, mauve. A.B.C.
Leon Gambetta. Double pinkish lilac, tall grower. A.B.
Ludwig Spaeth. Large single narrow purple clusters. A. B.
Mad. Francisca Morel. Exceptionally large single pink. B.C.
Madame Lemoine. Snow white double. Good old reliable. A.
Michael Buchner. Double, pinkish flowers. A.B.C.
Mont Blanc. Immense trusses single pure white. A.B.
Mrs. Edward Harding. Bright carmine double, tall. A. B.
Paul Thirion. Double. Lovely claret rose-red buds. A.
President Failliere. Great trusses double rosy lilac. A.B.C.
President Grevy. Soft blue-violet double flowers. A.B.
President Poincaire. Double violet. A. B. C.
Reamur. Single dark satiny carmine. A. B.
Rubra de Marly. Single bluish lavender. A. B. C.
Wm. Robinson. Double mauve pink. A.B.

Letters indicate size in stock

A.	1½ to 2	ft.....	.75	.70
B.	2 to 3	ft.....	1.00	.90
C.	3 to 4	ft.....	1.50	

—T—

Each Ten Hundred

TAXODIUM distichum. 70'-80' Bald Cypress

Peculiarly soft fern-like foliage airily covers the tall narrow pyramid, supported by a straight broad based trunk tapering to a spear like leader. In its swampy home no care is necessary but some shelter will help in establishing this unique deciduous conifer here. Resembles the Larch.

8	to	10 ft.	B. & B.....	10.00
10	to	12 ft.	B. & B.....	12.00

TAXUS baccata compacta. 10'-12' Compact English Yew

ALL EVERGREEN. Shaped like an enormous black-green egg standing on broad end. Stiff ascending branches.

3	to	4 ft.	B. & B.....	6.00
4	to	5 ft.	B. & B.....	9.00
5	to	6 ft.	B. & B.....	12.00
6	to	7 ft.	B. & B.....	18.00

— **ovata. 12'-15' Oval Yew**

Comparatively new and a worthwhile kind. Quite upright and narrow in youth but develops into a narrow compact oval shaped column of deep green. A splendid form.

15	to	18 in.	B. & B.....	2.00	1.80
1½	to	2 ft.	B. & B.....	3.00	2.70
2	to	2½ ft.	B. & B.....	4.00	3.60
2½	to	3 ft.	B. & B.....	5.25	

— **repandens. 2'-3' Spreading English Yew**

Winter coloring is particularly rich when the long curved leaves constitute the darkest green spot in the landscape. Spreading horizontal branches form a most useful bush for low plantings or large rock work; makes handsome edging.

12	to	15 in. spread,	B. & B.....	2.25	2.00	1.80
15	to	18 in. spread,	B. & B.....	3.00	2.70	2.40
1½	to	2 ft. spread,	B. & B.....	3.75	3.30	3.00
2	to	2½ ft. spread,	B. & B.....	5.25	4.80	
2½	to	3 ft. spread,	B. & B.....	6.75		

— **washingtoni. 6'-8' Golden Yew**

Rather a surprising color among the somber Yews, but a handsome variation, brightest in summer. A broad bush.

2½	to	3 ft. spread,	B. & B.....	6.00
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canadensis. 3'-4' Canada Yew

Under the dense shade of Pines and Hemlocks on a moist cool slope this "ground Hemlock" is the ideal ground cover. Altho extremely hardy must not be exposed to winter sun.

12	to	15 in. spread,	B. & B.....	2.25	2.00
15	to	18 in. spread,	B. & B.....	2.75	2.50
1½	to	2 ft. spread,	B. & B.....	3.50	3.00
2	to	2½ ft. spread,	B. & B.....	5.00	

— **stricta. 2'-2½' Dwarf Hedge Yew**

Added to its inherent hardness the compact bushy character of this newcomer make it a thoroughly dependable evergreen hedge plant. Withstands severe clipping, retains a dark green color throughout the year.

12	to	15 in.	B. & B.....	2.25	2.00	1.80
15	to	18 in.	B. & B.....	3.00	2.70	2.40
1½	to	2 ft.	B. & B.....	3.75	3.50	3.00
2	to	2½ ft.	B. & B.....	5.25	4.80	

TAXUS—Continued

Each Ten Hundred

cuspidata. 12'-15'**Japanese Yew**

Vigorous, hardy, most dependable and practically naturalized gives promise of becoming as venerable here as the English Yew in its homeland. Unless pruned occasionally will attain tremendous spread with an open center. Splendid dark green leaves are often bejeweled with brilliant crimson fruits in autumn, a "christmasy" effect. No better evergreen hedge plant. Bushy plants.

12	to	15	in. spread, B. & B.....	1.20	1.00	.90
15	to	18	in. spread, B. & B.....	1.65	1.50	1.35
1½	to	2	ft. spread, B. & B.....	2.25	2.00	1.80
2	to	2½	ft. spread, B. & B.....	3.50	3.00	2.70
2½	to	3	ft. spread, B. & B.....	5.00	4.50	4.00
3	to	3½	ft. spread, B. & B.....	7.50	6.75	6.00
3½	to	4	ft. spread, B. & B.....	10.00	9.00	
4	to	5	ft. spread, B. & B.....	15.00	13.50	
5	to	6	ft. spread, B. & B.....	20.00	18.00	

— Anderson form. 12'-15'**Anderson Yew**

Grows even more freely but needs the knife. A fine hedge.

12	to	15	in. spread, B. & B.....	1.20	1.00	.90
15	to	18	in. spread, B. & B.....	1.65	1.50	1.35
1½	to	2	ft. spread, B. & B.....	2.25	2.00	1.80
2	to	2½	ft. spread, B. & B.....	3.50	3.00	2.70
2½	to	3	ft. spread, B. & B.....	5.00	4.50	
3	to	3½	ft. spread, B. & B.....	7.50	6.75	
3½	to	4	ft. spread, B. & B.....	10.00	9.00	
4	to	5	ft. spread, B. & B.....	15.00	13.50	

— capitata. 20'-25'**Tree Form Japan Yew**

This is really the typical Japanese Yew from which the spreading bush form has sprung. Handsome indeed are the broad well filled pyramids so effectively used in formal gardens or a lawn specimen, and even as tub plants. Perfectly adapted for the taller hedge. Very striking with young growth in spring. Sheared or natural.

2	to	2½	ft. B. & B.....	3.00	2.70	2.40
2½	to	3	ft. B. & B.....	4.00	3.60	3.30
3	to	3½	ft. B. & B.....	5.50	5.00	4.50
3½	to	4	ft. B. & B.....	7.50	6.75	6.30
4	to	5	ft. B. & B.....	11.00	10.00	9.00
5	to	6	ft. B. & B.....	15.00	13.50	
6	to	7	ft. B. & B.....	20.00		

— compact form. 6'-8'**Compact Japanese Yew**

Because of its distinct very compact habit we selected this variety and have propagated only the best. Grows slowly and without any pruning remains a well filled bush of rich dark green. Will eventually be demanded.

1½	to	2	ft. B. & B.....	3.75		
2	to	2½	ft. B. & B.....	5.00		

— densa. 4'-5'**Dense Japanese Yew**

From the Arnold Arboretum—a dwarf very compact type with many ascending branches forming a rounded bush.

9	to	12	in. B. & B.....	2.00		
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Every one of the items mentioned on page 119 is a worthwhile plant—worthy of a place in your garden—every one has been tested—a selection even at random is sure to be interesting.

TAXUS cuspidata—Continued

Each Ten Hundred

— **nana. (brevifolia). 5'-6'****Dwarf Japanese Yew**

Conservative and careful, it takes time for this member to assume proportions becoming the dignity of such an aristocrat. Irregularly spreading in growth it will merge with rock garden planting or is excellent for permanent low effects. Intense blackish green leaves are enhanced by the coldest winter. Various shapes available.

6	to	9	in. spread, B. & B.....	1.00	.95	.90
9	to	12	in. spread, B. & B.....	1.50	1.35	1.20
12	to	15	in. spread, B. & B.....	2.25	2.10	1.95
15	to	18	in. spread, B. & B.....	3.25	3.00	2.70
1½	to	2	ft. spread, B. & B.....	4.50	4.00	3.75
2	to	2½	ft. spread, B. & B.....	6.75	6.00	5.40
2½	to	3	ft. spread, B. & B.....	9.00	8.00	7.20
3	to	3½	ft. spread, B. & B.....	12.00	11.00	
3½	to	4	ft. spread, B. & B.....	18.00		

— — **Upright form. 4'-5'****Dwarf Upright Yew**

After many years we can offer this very slow growing gem. It has the thick blackish green foliage of "nana" but the branches grow erect to form a rugged little cone.

9	to	12	in. B. & B.....	2.25		
12	to	15	in. B. & B.....	3.00		

— **nigra. 6'-8'****Black Japanese Yew**

Compact bushes are slowly formed by many ascending branches clothed with the blackest green leaves.

12	to	15	in. spread, B. & B.....	2.25	2.00	
15	to	18	in. spread, B. & B.....	3.25	3.00	
1½	to	2	ft. spread, B. & B.....	4.50	4.00	
2	to	2½	ft. spread, B. & B.....	6.75		

— **sieboldi. 12'-15'****Siebold Yew**

A vigorous bushy "cuspidata" that develops real character in a few years. Quickly forms a strong well filled hedge.

12	to	15	in. B. & B.....	1.35	1.20	1.00
15	to	18	in. B. & B.....	2.00	1.80	1.65
1½	to	2	ft. B. & B.....	2.75	2.50	2.25
2	to	2½	ft. B. & B.....	4.00	3.60	3.30
2½	to	3	ft. B. & B.....	6.00	5.50	
3	to	3½	ft. B. & B.....	9.00		
3½	to	4	ft. B. & B.....	12.00		
4	ft.		B. & B.....	16.50		

media. 12'-15'**Hybrid Yew**

Quite similar but more vigorous and bushy than "nana." Doubtless one of the handsomest evergreen shrubs for supplying the deep green note. Forms a characterful hedge.

9	to	12	in. spread, B. & B.....	1.35	1.20	1.00
12	to	15	in. spread, B. & B.....	1.80	1.65	1.50
15	to	18	in. spread, B. & B.....	2.50	2.25	2.00
1½	to	2	ft. spread, B. & B.....	3.50	3.25	3.00
2	to	2½	ft. spread, B. & B.....	5.00	4.50	4.00
2½	to	3	ft. spread, B. & B.....	7.00	6.50	6.00
3	to	3½	ft. spread, B. & B.....	10.00		
3½	to	4	ft. spread, B. & B.....	13.50		
4	to	5	ft. spread, B. & B.....	16.50		

— **browni. 5'-6'****Brown's Yew**

The broad upright bushy character is first class for hedging—needs but little pruning to keep it in shape—good color all winter. A favorite of the originator.

12	to	15	in. B. & B.....	1.75	1.50	1.35
15	to	18	in. B. & B.....	2.25	2.00	

TAXUS media—Continued

Each Ten Hundred

—hatfieldi. 12'-15'**Hatfield Yew**

Forms a compact perfectly furnished cone shaped bush that offers many possibilities especially in the small garden.

12 to 15 in.	B. & B.....	1.35	1.20	1.00
15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	3.00	2.70	2.25
2 to 2½ ft.	B. & B.....	4.50	4.00	3.50
2½ to 3 ft.	B. & B.....	6.00	5.40	5.00
3 to 3½ ft.	B. & B.....	9.00	8.00	
3½ to 4 ft.	B. & B.....	12.00	11.00	
4 to 5 ft.	B. & B.....	15.00		

—hicksi. 10'-12'**Hicks Yew**

A hardy substitute for the columnar Irish Yew. Upright branches are clothed with typical dark green leaves. Planted closely you have a ready made hedge.

12 to 15 in.	B. & B.....	1.20	1.10	1.00
15 to 18 in.	B. & B.....	1.80	1.65	1.50
1½ to 2 ft.	B. & B.....	2.50	2.25	2.00
2 to 2½ ft.	B. & B.....	3.75	3.50	3.25
2½ to 3 ft.	B. & B.....	5.25	4.80	4.50
3 to 3½ ft.	B. & B.....	8.00	7.20	6.75
3½ to 4 ft.	B. & B.....	10.00	9.00	
4 to 5 ft.	B. & B.....	13.50	12.00	
5 ft.	B. & B.....	18.00		

—wellesleyana. 8'-10'**Wellesley Yew**

Another child of Hatfield's that promises to be outstanding as a real hardy substitute for Irish Yew. The closely packed branches all grow upward to make, in youth at least, a well shaped fat column well furnished with thick rich green leaves. This will surely remain popular.

12 to 15 in.	B. & B.....	2.00	1.80	1.65
15 to 18 in.	B. & B.....	2.75	2.50	2.25
1½ to 2 ft.	B. & B.....	4.00	3.60	
2 to 2½ ft.	B. & B.....	6.00		
4 ft.	B. & B.....	18.00		

FINISHED YEW HEDGES

With a view of supplying a finished article wherever possible and prompted by a number of requests we have been growing some Yew hedges of various shapes and sizes and for the first time now offer these well clipped compact hedges.

TAXUS cuspidata**Japanese Yew**

560 Lineal feet. Clipped round.

16 to 18 inches tall by 16 to 18 inches broad. 3.00 per foot

TAXUS cuspidata sieboldi**Siebold Yew**

65 Lineal Feet. Clipped Square. Flat top and sides.

28 inches tall by 24 inches broad. 6.00 per lineal foot

TAXUS cuspidata capitata**Tree Form Japan Yew**

225 Lineal feet. Formal pyramid. Clipped to a point.

3 to 3½ feet tall by 20 to 22 inches at base. 6.00 per foot

TAXUS cuspidata Clipped cubes**Topiary Yew**

Ideal for formal gardens or finishing the end of hedges.

2 to 2½ ft. x 2 ft.	B. & B.....	7.50 Each
2½ to 3 ft. x 2 ft.	B. & B.....	10.00 Each
3 to 3½ ft. x 2½ ft.	B. & B.....	12.00 Each
3½ to 4 ft. x 3 ft.	B. & B.....	15.00 Each

Each Ten Hundred

TEUCRIUM chamaedrys. 12"-15"

Germander

EVERGREEN. Interesting rock garden shrub with glossy deep green leaves and rose-purple flowers in loose spikes. Can be successfully used to substitute Boxwood edging.

2¼" Pots .....	.25	.20	.15
2 year field grown .....	.35	.28	.21

THUYA. ALL EVERGREEN

occidentalis. 30'-35'

American Arborvitae

Certainly a most prolific species giving rise to many handsome widely differing forms. Too often is this "Tree of Life" prejudged in its infancy, for surely does it assume its natural place among the patriarchs of the tree world. Generally useful for hedging or formal work, its well clothed pyramidal outline can be sheared severely without hurt. Brown inside foliage can be vigorously shaken out in early spring. Most Arborvitae prefer a moist place.

3 to 4 ft.	B. & B.....	2.00	1.80	1.65
4 to 5 ft.	B. & B.....	3.00	2.70	
5 to 6 ft.	B. & B.....	4.00	3.60	
6 to 7 ft.	B. & B.....	5.50	5.00	
7 to 8 ft.	B. & B.....	6.75	6.00	
8 to 10 ft.	B. & B.....	9.00		

— compacta. 4'-5'

Parson's Arborvitae

Naturally almost globe shape.—Light green foliage.

2½ to 3 ft.	B. & B.....	3.00
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— douglasi aurea. 15'-20'

Douglas Golden Arborvitae

Bronzy yellow foliage clothes the well shaped pyramid. Very hardy and quick growing. Quite attractive in spring.

2½ to 3 ft.	B. & B.....	1.50	1.35
3 to 4 ft.	B. & B.....	2.00	1.80
4 to 5 ft.	B. & B.....	3.00	2.70
5 to 6 ft.	B. & B.....	4.00	3.60
6 to 7 ft.	B. & B.....	5.50	5.00
7 to 8 ft.	B. & B.....	6.75	6.00
8 to 10 ft.	B. & B.....	9.00	8.00

— — pyramidalis (plicata). 20'-25'

Douglas Arborvitae

Easily identified by the curiously twisted fern like branches covered with typical shiny green scale like leaves. A narrow pyramid with short lateral branches.

5 to 6 ft.	B. & B.....	5.00
6 to 8 ft.	B. & B.....	7.50
8 to 10 ft.	B. & B.....	10.00

— elegantissima. 15'-20'

Golden Tipped Arborvitae

Fleshy lustrous green leaf-branches are in spring conspicuously tipped with gold but retain their vivid green throughout the winter. A well formed broad based pyramid. This is one of the finest of the varieties.

2 to 2½ ft.	B. & B.....	1.50	1.35	
2½ to 3 ft.	B. & B.....	2.00	1.80	1.65
3 to 4 ft.	B. & B.....	2.75	2.50	2.25
4 to 5 ft.	B. & B.....	3.75	3.25	3.00
5 to 6 ft.	B. & B.....	5.00	4.50	4.00
6 to 7 ft.	B. & B.....	6.00	5.40	
7 to 8 ft.	B. & B.....	8.00		
8 to 10 ft.	B. & B.....	10.00		

Please feel free to consult with us on any planting problem you may have.

THUYA occidentalis—Continued

Each Ten Hundred

— **globosa. 3'-4'****Globe Arborvitae**

A little ball of light green just made for formal designs.

12 to 15 in.	B. & B.....	1.00	.90	.80
15 to 18 in.	B. & B.....	1.35	1.20	

— **hoveyi. 3'-4'****Hovey Arborvitae**

Broadly oval in outline, bright green foliage, fresh in spring.

2½ to 3 ft.	B. & B.....	3.00		
3 to 3½ ft.	B. & B.....	4.00		
3½ to 4 ft.	B. & B.....	5.00		

— **Little Gem. 2'-3'****Little Gem Arborvitae**

Apparently has been overlooked for whenever seen this appropriately named little fellow rarely fails to excite admiration and desire to possess. Hugging the ground all through life it slowly spreads and expands in billowy humps creating an age old effect. For edging, a low informal hedge, or any low planting, fitting and permanent.

12 to 15 in. spread,	B. & B.....	1.75	1.50	1.20
15 to 18 in. spread,	B. & B.....	2.25	2.00	1.80
1½ to 2 ft. spread,	B. & B.....	3.00	2.70	2.40
2 to 2½ ft. spread,	B. & B.....	4.00	3.60	

— **lutea. 12'-15'****Geo. Peabody Arborvitae**

Conspicuous at all times with bright yellow foliage throughout the well shaped pointed column. Helped by trimming.

3 to 4 ft.	B. & B.....	2.00	1.80	
4 to 5 ft.	B. & B.....	3.00	2.70	
5 to 6 ft.	B. & B.....	4.00	3.60	
6 to 7 ft.	B. & B.....	5.50	5.00	
7 to 8 ft.	B. & B.....	6.75	6.00	
8 to 10 ft.	B. & B.....	9.00	8.00	

— **nigra. 30'****Dark American Arborvitae**

Selected for its remarkably dark green foliage which retains its color far better than the type. Typical growth.

1½ to 2 ft.	B. & B.....	1.50		
2 to 3 ft.	B. & B.....	2.00		
3 to 4 ft.	B. & B.....	3.00		

— **pumila. 3'-4'****Dwarf Arborvitae**

In juvenile stage practically a globe but eventually becomes a notably round topped bush. Very dependable.

12 to 15 in.	B. & B.....	1.20	1.00	.90
15 to 18 in.	B. & B.....	1.50	1.35	1.20
1½ to 2 ft.	B. & B.....	2.00	1.80	1.65
2 to 2½ ft.	B. & B.....	2.50	2.25	



THUYA occidentalis—Continued

Each Ten Hundred

—pyramidalis. 25'-30'**Pyramidal Arborvitae**

In a narrow column clothed with lively green foliage that retains its color throughout winter. Useful alike in formal or informal planting for the spire-like shafts or as a hedge.

2	to	2½ ft.	B. & B.....	1.35	1.20	1.00
2½	to	3 ft.	B. & B.....	1.80	1.65	1.50
3	to	4 ft.	B. & B.....	2.50	2.25	2.00
4	to	5 ft.	B. & B.....	3.75	3.30	3.00
5	to	6 ft.	B. & B.....	5.00	4.50	4.00
6	to	7 ft.	B. & B.....	6.00	5.40	5.00
7	to	8 ft.	B. & B.....	7.50	6.75	
8	to	10 ft.	B. & B.....	10.00	9.00	
10	to	12 ft.	B. & B.....	13.50		

—rosenthali. 8'-10'**Rosenthal Arborvitae**

Decidedly worthy of wider use, as it grows slowly and its knobby rugged appearance improves with age, maturing as a "weathered" column of dark green.

2	to	2½ ft.	B. & B.....	1.80	1.65	1.50
2½	to	3 ft.	B. & B.....	2.25	2.00	1.80
3	to	4 ft.	B. & B.....	3.00	2.70	2.40
4	to	5 ft.	B. & B.....	4.00	3.60	

—umbraculifera. 3'-4'**Umbrella Arborvitae**

Low spreading branches soon form a luscious looking rich green mushroom shaped bush. A worthwhile low form.

2½	to	3 ft.	B. & B.....	3.00		
3	to	3½ ft.	B. & B.....	4.50		
3½	to	4 ft.	B. & B.....	6.00		

—vervaeneana. 10'-12'**Vervaeen Arborvitae**

Another broad pyramid of exceptional vigor and hardiness. The foliage varies from green to yellow and bronze.

3	to	4 ft.	B. & B.....	2.50	2.25	2.00
4	to	5 ft.	B. & B.....	3.75	3.30	3.00
5	to	6 ft.	B. & B.....	5.00	4.50	
6	to	7 ft.	B. & B.....	6.00		
7	to	8 ft.	B. & B.....	7.50		
8	to	10 ft.	B. & B.....	10.00		

—wareana. 12'-15'**Siberian Arborvitae**

Exceedingly hardy, this dense growing form makes a splendid hedge although as a spot plant its rugged broad pyramid is worthy of consideration. Improves with age.

2½	to	3 ft.	B. & B.....	2.25	2.00	1.80
3	to	4 ft.	B. & B.....	3.00	2.70	2.50
4	to	5 ft.	B. & B.....	4.50	4.00	3.60

orientalis (BIOTA) 25'-30'**Oriental Arborvitae**

Flat fan like branches pressed together "on end" form at first an oval shape column brilliantly clothed in emerald green foliage. Develops into a bushy pyramidal tree.

3	to	4 ft.	B. & B.....	2.25		
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—aurea conspicua (BIOTA) 10'-12'**Goldspire Arborvitae**

Gayly dressed in bright yellow foliage that deepens to glowing old gold and warm brown in winter. Columnar.

2	to	2½ ft.	B. & B.....	2.00	1.80	1.65
2½	to	3 ft.	B. & B.....	2.50	2.25	2.00
3	to	4 ft.	B. & B.....	3.50	3.25	3.00
4	to	5 ft.	B. & B.....	5.00	4.50	
5	to	6 ft.	B. & B.....	6.75		

THUYA orientalis—Continued

Each Ten Hundred

—**aurea nana.** 4'-5'**Berckman Golden Arborvitae**

From the "bed plant" to old age the same compact neat egg-shape mass is retained, changing from the brilliant yellow high lights of spring to warm reddish brown tones, tipped with gold in winter. Popular for edging.

1½ to 2 ft.	B. & B.....	2.75	2.40
2 to 2½ ft.	B. & B.....	3.75	3.30
2½ to 3 ft.	B. & B.....	5.00	4.50

—**bakeri** (BIOTA) 5'-6'**Baker Arborvitae**

From a low oval bush will lengthen out to a broad column of soft green. Succeeds in a hot dry place and it's hardy.

3 to 4 ft.	B. & B.....	3.00	2.70
4 to 5 ft.	B. & B.....	3.75	3.30

—**compacta** (BIOTA) 4'-5'**Siebold Arborvitae**

Except for its vivid constant green foliage is similar to "Berckman." Most useful when color isn't wanted.

1½ to 2 ft.	B. & B.....	2.00	
2 to 2½ ft.	B. & B.....	2.50	
2½ to 3 ft.	B. & B.....	3.00	

—**elegantissima** (BIOTA) 10'-12' **Yellow Column Arborvitae**

In outline a broad swelling column, quite compact and well furnished. Few if any conifers can compare favorably to this handsome bush for warm rich coloring throughout the year. Spring covers the surface with sparkling yellow tips ripened by the summer sun to golden brown, and winter brings out the rich reddish bronze coat flecked with yellow brilliants, with vivid green inside.

1½ to 2 ft.	B. & B.....	1.50	
2 to 2½ ft.	B. & B.....	2.25	
5 to 6 ft.	B. & B.....	6.00	5.40
6 to 7 ft.	B. & B.....	7.50	6.75

plicata atrovirens (lobbi) 35'-40'**Giant Arborvitae**

Lustrous green fleshy leaves clothe the branchlets assuming warm bronze tones in winter. Given a sunny reasonably moist spot will quickly develop into a splendid dignified irregular tree. Quite unlike any other arborvitae.

2 to 3 ft.	B. & B.....	1.80	1.65	1.50
3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.50	3.25	3.00
5 to 6 ft.	B. & B.....	5.00	4.50	
8 to 10 ft.	B. & B.....	12.00		
10 to 12 ft.	B. & B.....	15.00		

standishi. 12'-15'**Standish Arborvitae**

Rather sorrowful but provides a welcome "break" with its open branches, irregular pyramidal habit and coarse growth. The south side tones to a warm bronze in winter.

2 to 3 ft.	B. & B.....	2.00	1.80	1.65
3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.50	3.00	
5 to 6 ft.	B. & B.....	5.00		
6 to 7 ft.	B. & B.....	6.50		
7 to 8 ft.	B. & B.....	9.00		
8 to 10 ft.	B. & B.....	12.00		

TILIA

Each Ten Hundred

americana. 80'-90'**American Linden**

In a fairly moist location this native Basswood will, once started, quickly develop into a large limbed round topped tree, handsome in its dress of great heart shaped leaves, conspicuous in June when the fragrant flowers attract bees.

10	to	11	ft.,	1½	to	1¾	in.....	3.25	3.00
11	to	12	ft.,	1¾	to	2	in.....	4.00	3.60
12	to	14	ft.,	2	to	2½	in.....	5.00	4.50
12	to	14	ft.,	2½	to	3	in.....	6.50	6.00
14	to	16	ft.,	3	to	3½	in.....	9.00	8.00

cordata. 70'-80'**Littleleaf European Linden**

Generally conceded the best form for street planting as the dark green leaves remain good until late autumn. The compact low branched head is particularly fitted to lawn purposes where the branches make a natural canopy.

8	to	10	ft.,	1¼	to	1½	in.....	3.75	3.30	3.00
10	to	11	ft.,	1½	to	1¾	in.....	4.50	4.00	3.60
11	to	12	ft.,	1¾	to	2	in.....	5.50	5.00	4.50
12	to	14	ft.,	2	to	2½	in.....	6.75	6.00	5.40
12	to	14	ft.,	2½	to	3	in.....	9.00	8.00	
12	to	14	ft.,	3	to	3½	in.....	12.00		

euchlora. 70'-80'**Crimean Linden**

Shiny yellow branchlets, distinctive—good clean foliage.

8	to	10	ft.	.....	3.00	2.70
8	to	10	ft.,	1¼ to 1½ in.....	3.75	3.30
10	to	12	ft.,	1½ to 1¾ in.....	5.00	
10	to	12	ft.,	1¾ to 2 in.....	6.50	
12	to	14	ft.,	2 to 2½ in.....	9.00	

platyphyllos (grandiflora) 80'-100' Bigleaf European Linden

Maybe not as popular as the small leaved brother but a robust handsome fellow that has made famous the stately avenues of Europe. Both types are often formally clipped.

9	to	10	ft.,	1¼	to	1½	in.....	3.00	2.70	2.40
10	to	11	ft.,	1½	to	1¾	in.....	4.00	3.60	3.25
11	to	12	ft.,	1¾	to	2	in.....	5.25	4.80	4.25
12	to	14	ft.,	2	to	2½	in.....	6.75	6.00	5.40
12	to	14	ft.,	2½	to	3	in.....	9.00	8.00	
14	to	16	ft.,	3	to	3½	in.....	12.00		

—pyramidalis. 40'-50'**Pyramidal Linden**

For narrow avenues or even an accent tree this would be a good choice as the clean branches all grow upward.

8	to	10	ft.,	1½	to	1¾	in.....	9.00
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tomentosa. (argentea) 50'-60'**Silver Linden**

Few trees could be more handsome than this striking species. The heart-shaped leaves are green above and silvery white beneath. Grows into a compact specimen, in June surrounded by bees gathering honey from the sweetly fragrant greenish yellow flowers.

8	to	10	ft.,	1½	to	1¾	in.....	5.25
10	to	12	ft.,	1¾	to	2	in.....	6.75
10	to	12	ft.,	2	to	2½	in.....	9.00
12	to	14	ft.,	2½	to	3	in.....	12.00

TSUGA

Each Ten Hundred

canadensis. 70'-80'

Canada Hemlock

EVERGREEN. Grace, dignity and beauty have conspired successfully to make this American a living example of magnificent stateliness. With plenty of space the tree claims right to its noble forest stature, but is willing to be clipped into hedges—splendid walls of close textured green. Half shade or a north slope is preferred but sun is alright too.

2	to	2½ ft.	B. & B.....	1.80	1.65	1.50
2½	to	3 ft.	B. & B.....	2.50	2.25	2.00
3	to	4 ft.	B. & B.....	3.50	3.30	3.00
4	to	5 ft.	B. & B.....	5.00	4.50	4.00
5	to	6 ft.	B. & B.....	7.50	6.75	
6	to	7 ft.	B. & B.....	11.00		
7	to	8 ft.	B. & B.....	15.00		
8	to	10 ft.	specimens, B.&B.	21.00	19.50	
10	to	12 ft.	specimens, B.&B.	30.00	27.00	
12	to	14 ft.	specimens, B.&B.	42.00	39.00	

— atrovirens. 20'-25'

Deep Green Hemlock

A gem indeed, in which the flat needles of varying sizes are closely packed on the short branchlets to make a dense plump pyramid. Truly a handsome specimen.

12	to	15 in.	B. & B.....	4.00		
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— dwarf forms. 4'-10'

Dwarf Hemlocks

Selected seedlings that differ in character and rate of growth to the type. Interesting and beautiful but unnamed.

2	to	3 ft.	B. & B.....	4.00		
4	to	5 ft.	B. & B.....	9.00		
5	to	6 ft.	B. & B.....	12.00		

— fremdi. 15'-20'

Fremd Hemlock

Slowly but surely this aristocrat develops into a most handsome specimen, broadly pyramidal in outline. Rich foliage is crowded on branchlets completely clothing whole.

15	to	18 in.	B. & B.....	5.00		
1½	to	2 ft.	B. & B.....	6.75		
2	to	2½ ft.	B. & B.....	9.00		
10	to	12 ft.	specimens, B.&B.	50.00	to 75.00	each

— pendula. 6'-8'

Sargent Weeping Hemlock

EVERGREEN. Makes a tremendous mound of wavy outline many times broader than high, always well clothed and neat. Like all good things it develops slowly but becomes a real possession in your "personal effects."

2	to	2½ ft.	spread, B. & B.....	8.00	7.20	
2½	to	3 ft.	spread, B. & B.....	10.00	9.00	
3	to	3½ ft.	spread, B. & B.....	12.00	11.00	
3½	to	4 ft.	spread, B. & B.....	15.00	13.50	
4	to	5 ft.	spread, B. & B.....	19.50	18.00	

Would you like to have a clipped Yew hedge? More than any other one factor a neat hedge, already shaped, gives a finished appearance to garden or terrace. For shapes and sizes available, see page 80, priced by the lineal foot.

TSUGA—Continued

Each Ten Hundred

caroliniana. 40'-50'**Carolina Hemlock**

EVERGREEN. Compared with the "Canada" Hemlock, this southerner has longer yew-like foliage, irregularly disposed on the twigs, and the spreading half drooping branches are so arranged as to create splendid shadow patterns. Absolutely hardy, in fact the foliage seems proof against sun scalding. One of the aristocrats.

2½ to 3 ft.	B. & B.....	3.00	2.70
3 to 4 ft.	B. & B.....	4.00	3.60
4 to 5 ft.	B. & B.....	5.50	5.00
5 to 6 ft.	B. & B.....	8.00	7.20
6 to 7 ft.	B. & B.....	12.00	11.00
7 to 8 ft.	B. & B.....	16.50	15.00
8 to 10 ft.	B. & B.....	22.50	21.00
10 to 12 ft.	B. & B.....	30.00	

diversifolia. 40'-50'**Japanese Hemlock**

With us a very slow grower with short blunt yew-like leaves evenly disposed on reddish branchlets. Side branches are short and horizontal forming a graceful pyramid of rich dark glossy green foliage. Quite hardy.

12 to 15 in.	B. & B.....	2.25	2.00
15 to 18 in.	B. & B.....	3.00	2.70
1½ to 2 ft.	B. & B.....	4.00	3.60
2 to 2½ ft.	B. & B.....	5.25	

—U—

ULMUS americana. 100'**American Elm**

Almost wherever you go the lofty arching branches silently pronounce a benediction on the traveller. No tree it would seem can be more majestic than our dear old American Elm, a tower of strength, grace and beauty.

12 to 14 ft., 2 to 2½ in....	4.00	3.60
12 to 14 ft., 2½ to 3 in....	5.00	4.50
14 to 16 ft., 3 to 3½ in....	7.00	6.30
16 to 18 ft., 3½ to 4 in....	11.00	10.00

— **molini. 80'-100'****Moline Elm**

Unexpected in the Elm family, nevertheless a most useful and handsome member is this vigorous youngster of broad conical outline clad in splendid large leaves. Ideal for narrow streets, or even for tall screening purposes.

8 to 10 ft., 1¼ to 1½ in....	2.00	1.80
10 to 12 ft., 1½ to 1¾ in....	2.50	2.25
10 to 12 ft., 1¾ to 2 in....	3.25	3.00
12 to 14 ft., 2 to 2½ in....	4.00	3.60
14 to 16 ft., 2½ to 3 in....	6.00	5.40
16 to 18 ft., 3 to 3½ in....	8.50	

— **vase shaped. 80'-100'****Vase Elm**

Selected to emphasize the graceful lines of the vase shape top, and it has handsome foliage to boot. Where uniform shape is desired these budded trees must be used.

8 to 10 ft., 1¼ to 1½ in....	2.00	1.80
10 to 12 ft., 1½ to 1¾ in....	2.50	2.25
10 to 12 ft., 1¾ to 2 in....	3.25	3.00
12 to 14 ft., 2 to 2½ in....	4.00	3.60
14 to 16 ft., 2½ to 3 in....	6.00	5.40
16 to 18 ft., 3 to 3½ in....	8.50	

ULMUS—Continued

Each Ten Hundred

campestris. 80'-100'**English Elm**

The handsome leaves remain green long after the native Elm is bare. Straight clean stems and a strong oak-like structure of branches makes this a splendid street tree.

8	to	10	ft., 1¼ to 1½ in.....	3.75	3.50
10	to	12	ft., 1½ to 1¾ in.....	4.50	4.00
10	to	12	ft., 1¾ to 2 in.....	6.00	5.40
12	to	14	ft., 2 to 2½ in.....	7.50	6.75
14	to	16	ft., 2½ to 3 in.....	10.00	

—V—

VACCINIUM corymbosum. 6'-8'**Highbush Blueberry**

Apart from the delicious "huckleberries," here is a handsome shrub of many uses. In sour swampy places brilliant coloring of the foliage is an annual pageant and even the clusters of waxy white bell flowers are remarkable.

2	to	3	ft. B. & B.....	2.00	1.80
3	to	4	ft. B. & B.....	3.00	2.70
4	to	5	ft. B. & B.....	4.00	3.60

VIBURNUM acerifolium. 5'-6'**Maple Leaved Viburnum**

Altho not striking, the heads of white May flowers result in bunches of glittering black berries that in autumn stand out against the gorgeous pink to purple foliage. Naturally a shade lover, even in dense woods great masses abound.

1½	to	2	ft. ....	.55	.50	.45
2	to	3	ft. ....	.65	.60	

americanum. 10'-12'**American Cranberry Bush**

Bright scarlet berries persist nearly all winter, handsome.

1½	to	2	ft. ....	.40	.35	.30
2	to	3	ft. ....	.50	.45	.40
3	to	4	ft. ....	.60	.55	.50
4	to	5	ft. ....	.75	.70	

carlesi. 4'-5'**Fragrant Viburnum**

Waxy pink, deliciously fragrant flowers appear in little round clusters as the leaves are unfolding. Not easily grown it is wise to select well drained sunny spot where you can keep it moist in the summer. Broader than tall.

1	to	1½	ft. B. & B.....	.75	.65
1½	to	2	ft. B. & B.....	1.20	1.00
2	to	2½	ft. B. & B.....	1.80	1.65
2½	to	3	ft. B. & B.....	2.25	
3	to	4	ft. B. & B.....	3.00	

The individual groups of evergreens—trees—shrubs, listed on pages 127-130 according to size and shape may help you select for a specific purpose.

VIBURNUM—Continued

Each Ten Hundred

cassinoides. 6'-8'**Witherod**

Color starts in June with the large clusters of white flowers, preceding green berries which in turn change to pink and finally blue black. Leathery leaves add their touch of crimson and purple in autumn. Prefers a moist spot.

1½ to 2	ft.	.....	.60	.54	.50
2 to 3	ft.	.....	.75	.70	.65
3 to 4	ft.	.....	1.00	.90	
4 to 5	ft.	.....	1.50		

dentatum. 10'-12'**Arrow Wood**

Has creamy white flowers in May and black berries later. Purple and red shades are typical for autumn dress, seen to best advantage when massed in half shady moist spot.

1½ to 2	ft.	.....	.40	.36	.33
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.70	.65	.60
4 to 5	ft.	.....	.90	.80	
5 to 6	ft.	B. & B.....	2.50		

dilatatum. 8'-10'**Linden Viburnum**

Here again time is needed to bring out the real fine character of this shrub. Handsome rough foliage, six inch clusters of creamy flowers and glittering scarlet berries all winter are a few of its assets. No pruning necessary.

1½ to 2	ft.	.....	.60	.54	.50
2 to 3	ft.	.....	.80	.70	.65
3 to 4	ft.	.....	1.00	.90	.80
4 to 5	ft.	.....	1.50	1.35	
5 to 6	ft.	.....	2.25	2.00	

lantana. 12'-15'**Wayfaring Tree**

Becomes most attractive when the handsome foliage turns red and the fruits change from crimson to black in autumn. Apparently at home in a lime soil. Useful for bold accents.

1½ to 2	ft.	.....	.40	.35	
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.60	.55	.50
4 to 5	ft.	.....	.80	.70	
5 to 6	ft.	.....	1.20		

lentago. 20'-25'**Nannyberry**

Almost a tree eventually, having clean looking foliage that becomes rich purple and crimson in fall. Black berries are decorative all winter too. Extremely hardy and adaptable.

1½ to 2	ft.	.....	.50	.45	.40
2 to 3	ft.	.....	.65	.60	.55
3 to 4	ft.	.....	.80	.75	.70
4 to 5	ft.	.....	1.00	.90	

molle. 10'-12'**Kentucky Viburnum**

The rounder darker green leaves constitute the main difference between this and dentatum. Purple berries.

3 to 4	ft.	.....	.75	.65	
4 to 5	ft.	.....	1.00	.90	

opulus. 10'-12'**European Cranberry**

Runner-up to the American variety to which it is similar.

5 to 6	ft.	1.20		
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VIBURNUM—Continued

Each Ten Hundred

opulus nanum. 1'-2'**Dwarf Cranberry**

Forms a dense globular affair packed with shoots and foliage but rarely blooms, a stunning plant for edging.

6	to	9	in.	.....	.40	.36	.33
9	to	12	in.	.....	.60	.55	.50
12	to	15	in.	.....	.80	.75	
15	to	18	in.	.....	1.00	.90	

prunifolium. 12'-15'**Black Haw**

A sturdy clean cut shrub with few stiff upright stems and a maze of horizontal branches. Attractive pure white May flowers give place to large bunches of pink fruits turning to black. Decidedly best in masses when the intricate branches form one vast clump beautifully softened with smallish leaves, purple in fall. Effective with cedars.

1½	to	2	ft.	.....	.75	.70	.65
2	to	3	ft.	.....	1.00	.90	.85
3	to	4	ft.	.....	1.50	1.35	1.20
4	to	5	ft.	.....	2.00	1.80	

rhytidophyllum. 8'-10'**Leatherleaf Viburnum**

EVERGREEN. Rough deeply veined Rhododendron-like leaves six to eight inches long quickly distinguish this bold southerner. If the brilliant red berries are to mature a sheltered half shady spot is needed.

3	to	4	ft.	.....	4.50		
4	to	5	ft.	.....	6.00		
5	to	6	ft.	.....	7.50		

sieboldi. 8'-10'**Siebold Viburnum**

Tree-like, few stemmed shrub with handsome dark green lustrous foliage, creamy flowers and berries that start out green changing to pink to black. Certainly a "dominant."

1½	to	2	ft.	.....	.50	.45	.40
2	to	3	ft.	.....	.60	.55	.50
3	to	4	ft.	.....	.80	.70	.60
4	to	5	ft.	.....	1.00	.90	

tomentosum. 8'-10'**Doublefile Viburnum**

The Beau-Brummel of the family whose neatness is of little note beside the handsome spectacle afforded by a well grown specimen in full bloom. The flat topped clusters of pure white flowers are thickly strung along the top of the horizontal branches so as to resemble a fall of snow. The purple foliage color is distinctive too. By all means indispensable. Red berries occasionally produced.

1½	to	2	ft.	.....	.40	.35	.30
2	to	3	ft.	.....	.50	.45	.40
3	to	4	ft.	.....	.65	.60	.55
4	to	5	ft.	.....	.85	.75	

—plicatum. 7'-8'**Japanese Snowball**

In June the familiar white three inch "Snowballs" are generously studded over a well clothed shrub; no fruits.

1½	to	2	ft.	.....	.40	.35	
2	to	3	ft.	.....	.50	.45	
3	to	4	ft.	.....	.65	.60	

Alpines and rock plants are listed alphabetically in the perennial chart—a really notable collection.

VIBURNUM—Continued

Each Ten Hundred

wrightii. 8'-10'

Wright Viburnum

Somewhat like dilatatum with the same brilliant scarlet fruit. When mature a strikingly handsome subject.

1½ to 2	ft.	.....	.60
2 to 3	ft.	.....	.75
3 to 4	ft.	.....	.90
4 to 5	ft.	.....	1.20

VINCA minor

Periwinkle

EVERGREEN. Accepted as THE ground cover, its close blanket of dark green foliage is well known. Shade is best but a sunny spot is alright too, if not too dry and hot. Well established.

Ten H'dr'd Th's'nd

3" Pots15	.10	.09
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Each Ten Hundred

VITEX macrophylla. 5'-6'

Bigleaf Chaste Tree

A dainty shrub with branching spikes of very attractive lavender blue flowers in September beautifully offset by the star shaped gray green leaves. Must have sun.

1½ to 2	ft.	.....	.40	.35	.30
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.65	.60	.54

—W—

WEIGELA amabilis. 7'-8'

Rose Weigela

Old but still good the trumpet shaped flowers are rosy pink outside and pale inside—a lovely profusion in May and June. Vigorous and easily grown.

3 to 4	ft.50	.40
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candida. 6'-8'

Snow Weigela

Creamy white trumpets try to outnumber the young leaves in May. Vigorous upstanding subject. Cut out old wood.

1 1/2	to	2	ft.	.....	.30	.25	
2	to	3	ft.	.....	.40	.35	
3	to	4	ft.	.....	.50	.45	.40
4	to	5	ft.	.....	.60	.55	.50
5	to	6	ft.	.....	.75	.70	

—Eva Rathke. 4'-5'

Red Flowering Weigela

Almost continuously throughout the summer the short branches are covered with reddish carmine blossoms.

1½ to 2	ft.	.....	.40	.35	.30
2 to 3	ft.	.....	.50	.45	.40
3 to 4	ft.	.....	.75	.65	

—Feerie. 6'-8'

Feerie Weigela

If you plant only one take this which opens a little earlier than Venusta, even more profuse, and a shade lighter.

1½ to 2	ft.	.....	.50	.45
2 to 3	ft.	.....	.60	.55
3 to 4	ft.	.....	.80	.70

—Venusta. 6'-8'

Venus Weigela

Really an improvement on the old sorts, with large rose trumpet bells just crowded on the long sturdy branches.

1½ to 2	ft.	.....	.50	.45
2 to 3	ft.	.....	.60	.55
3 to 4	ft.	.....	.80	.70

rosea. 6'-8'

Pink Weigela

After the long term of admirable service should be retired in favor of its lovely daughters. Just as vigorous as any.

2	to	3	ft.	.....	.40	.35	
3	to	4	ft.	.....	.50	.45	.40
4	to	5	ft.	.....	.65	.60	

Each Ten Hundred

WISTERIA**multijuga. 25'-30' Vine.****Longcluster Wisteria**

Properly trained the three foot sprays of purple flowers can never be forgotten. Even in May the fragrance is noteworthy.

3 year, GRAFTS	B. & B.....	1.50
Standards, 3 year heads	.....	6.00

— alba. 25'-30'**White Longcluster Wisteria**

Clusters of white flowers are just as long in this variety.

3 year, GRAFTS	B. & B.....	1.50
5 year	B. & B.....	3.50

— rosea.**Rosy Longcluster Wisteria**

Similar in every way to type except in color which is a good pink. These are fine heavy flowering specimens.

3 year, GRAFTS	Pots.....	2.00
5 year, 4 to 6 ft.	B. & B.....	4.50
7 to 8 ft. standards,	B.&B..	25.00

sinensis. 30'-40'**Chinese Wisteria**

Shorter and therefore more compact sprays of the beautiful lavender-pea blossoms open a little before "Longcluster." That same delectable scent thrills the senses. Single stem "standards" pruned each year.

3 year, GRAFTS	B. & B.....	1.25
Standards, 3 year heads	.....	6.00

—X—**XANTHOCERAS sorbifolia. 10'****Chinese Buckeye**

Everything about this forgotten shrub is handsome and interesting yet after seventy years it is practically unknown!! The broad round bush is generally made up of a few main branches, well divided into smaller laterals which bear the compound dark green glossy foliage. During the latter part of May and early June the striking upright clusters of white flowers, resembling a glorified penstemon, appear. Only those at the top of these nine inch clusters are fertile so that the brown horse chestnut like seeds are sparingly produced. Prefers sun.

2 to 2½ ft.	B. & B.....	3.00
2½ to 3 ft.	B. & B.....	4.00

—Y—**YUCCA filamentosa. 2'-3'****Adam's Needle**

EVERGREEN. Much abused, poorly used, but withal a handsome exotic when the six foot spikes of creamy nodding bell flowers force attention in July. Try it in masses among dry rocky outcroppings, or in the wide border.

3 year	.....	.40	.35	.30
4 year	.....	.50	.45	.35

—Z—**ZANTHORHIZA apiifolia. 2'-2½'****Yellow Root**

For under planting with leggy shrubs no better selection could be made. Either in sun or shade, moist or dry places it will quickly spread to form a light ground cover and open its brownish purple flowers. Dislikes lime.

9 to 12 in.	.....	.25	.22	.20
12 to 18 in.	.....	.35	.30	.25
1½ to 2 ft.	.....	.45	.40	.35
2 to 2½ ft.	.....	.65	.55	.50



Herbaceous Perennials

For ten years we have carefully developed a real Perennial department, testing not only novelties, but old varieties, to be sure they will do well with us. Some things prefer certain conditions not possible here, so we contract with specialists who produce the best in those few items, enabling us to offer a collection that, for most garden purposes, is complete.


To fully describe each plant in this limited space was impractical, so this reference chart was designed to help you determine—what, where, and how to use perennials. The chart itself is self-explanatory, and you will notice the “flower spectrum” has been used to indicate color—intermediate colors and shades are signified by careful placement of marking in the color columns.


A separate listing of Ferns (page 117) and Herbs (page 116) seemed more convenient, and to conserve space the quantity prices are computed on a percentage basis as specified in the chart heading.




[illegible]


NAME		.HEIGHT (FEET)		COLOR										SEASON						REMARKS	Ea.									
Soil:		Location:		One	Two	Three	Four	Five	Six	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	.50
A—Average D—Dry M—Moist	Full Sun Normal Full shade	○ ◐ ●																												
ANDROSACE Chumbyi.		Rock Jasmine								D										●								Silky tufts, choice	.50	
ANEMONE hupehensis splendens.		Hupei Anemone								A										●								Early flowering low	.25	
japonica Kriemhilde.		Japanese Anemone								A										●								Large early flowering	.30	
--Queen Charlotte.		Japanese Anemone								A										●								Large double flowers	.30	
--September Charm.		Japanese Anemone								A										●								Very early single	.30	
--September Queen.		Japanese Anemone								A										●								Charming semi-double	.30	
--Whirlwind.		Japanese Anemone								A										●								Large double flowers	.30	
pulsatilla.		Pasque Flower								D										○								Lovely in leaf and fruit	.30	
sylvestris.		Snowdrop Anemone								M										●								For shade Rock Gardens	.30	
vernalis.		Spring Anemone								A										●								A rare choice gem	.50	
ANGELICA Archangelica.		Angelica								M										○								Medicinal herb	.25	
ANTENNARIA dioica.		Pussytoes								D										○								Like frosted silver	.30	
ANTHEMIS nobilis.		Camomile								A										○								Carpenter, Herb Garden	.30	
tinctoria Perry's variety		Perry's Camomile								A										●								For cutting	.30	
APHYLLANTHES monspeliensis.		Blue Lily Grass								A										○								Rare and unusual	.60	
AQUILEGIA alpina.		Alpine Columbine								A										○								The true species	.35	
caerulea.		Colorado Columbine								A										○								Graceful and beautiful	.30	
--helenae.		Helen Columbine								A										○								Vigorous easy grower	.30	
canadensis.		American Columbine								A										○								Sun or shade	.30	
chrysantha grandiflora.		Golden Columbine								A										○								Very free and lasting	.30	
flabellata nana alba.		White Fan Columbine								A										○								Charming ivory dwarf	.30	
hybrida Dobbies Strain.		Long spurred Hybrid								A										○								Wonderful color range	.25	
--Crimson Star.		Long spurred Hybrid								A										○								A striking contrast	.30	
--Pearson's separate shades		Long spurred Hybrid								A										○								Invaluable border plant	.30	

NAME			HEIGHT (FEET)						COLOR										SEASON						REMARKS	Ea.						
<div><div>Soil: A—Average D—Dry M—Moist</div><div>Location: Full Sun Normal Full shade</div><div>○ ◐ ●</div></div>			One	Two	Three	Four	Five	Six	Over	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.				
AQUILEGIA longissima.									A										○								Extra long spurs	.35				
pyrenaica.									A										○								Pygmy for Rock Gardens	.45				
ARABIS albida.									A										○								A sheet of white	.25				
—flore pleno.									A										○								Useful cut flower	.30				
kellereri.									D										○								A true choice Alpine	.30				
Rosa Bella.									A										○								A charming plant	.35				
ARENARIA montana.									D										○								A cascade of snow	.25				
verna caespitosa.									A										○								Emerald tussocks	.25				
—aurea.									A										○								Golden counterpart	.25				
ARTEMISIA absinthium.									A										○								Wormwood tea. Absinthe	.25				
dracunculus.									A										○								For vinegar and salads	.30				
frigida.									A										○								Silvery lacy foliage	.30				
Silver King.									D										○								Popular dried cut flower	.30				
ASCLEPIAS tuberosa.									A										○								Brilliant showy	.25				
ASPERULA odorata.									D										○								Hay scented, for cordials	.30				
ASTER Alderman Vokes.									A										○								Lively and showy	.30				
alpinus.									A										○								Sparkling daisies easy	.30				
Blue Gem.									A										○								Semi-double buttons	.30				
Charles E. Wilson.									A										○								Best red Aster	.30				
Countess of Dudley.									A										○								Contrasting yellow eye	.30				
frikarti.									A										○								The best Aster	.50				
Harrington's Pink.									A										○								Clear soft pink	.50				
Lady Henry Maddocks.									A										○								Compact and neat	.30				
Little Boy Blue.									A										○								Bright and vivid	.30				

NAME		HEIGHT (FEET)						COLOR									SEASON						REMARKS	Ea.					
<div></div> <div>Soil: A—Average D—Dry M—Moist</div> <div>Location: Full Sun Normal Full shade</div> <div>○ ◐ ●</div>		One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
ASTER Little Pink Lady.								△							◐					◐							Companion to Boy Blue	.35	
Mount Everest.								△							◐					◐							The finest white	.35	
Nancy.								△							◐					◐							Bushy free flowering	.30	
Queen Mary.								△							◐					◐							Large free flowering	.30	
subcaeruleus Wartburg Star.								△							◐					◐							Improved showy variety	.35	
Skyland Queen.								△							◐					◐							Tall shaggy	.30	
Snowsprite.								△							◐					◐							Very low, showy	.30	
Venus.								△							◐					◐							Well named, pleasing	.30	
Victor.								△							◐					◐							Showy large flowers	.30	
ASTERAGO luteus.								△							◐					◐							Dainty cut flowers	.30	
ASTILBE arendsi Gladstone.								△							◐					◐							Ideal for mixing	.50	
—Gloria.								△							◐					◐							Showy and vigorous	.50	
—Peach Blossom.								△							◐					◐							Delicate, pleasing	.50	
AUBRIETIA deltoidea.								△							◐					◐							Sheets of bloom	.25	
New Hybrids.								△							◐					◐							Lively rich shades	.30	
BAPTISIA australis.								△							◐					◐							Bushy, showy spikes	.30	
BELAMCANDA chinensis.								△							◐					◐							Orange spotted red	.30	
BOLTONIA asteroides.								△							◐					◐							Aster like, enormous	.25	
latisquama nana.								△							◐					◐							Back of border	.25	
BRUNNERA macrophylla.								△							◐					◐							Dainty mass of bloom	.30	
CALAMINTHA alpina.								△							◐					◐							Pretty little Herb	.30	
CAMPANULA barbata.								△							◐					◐							Large, hanging bells	.35	
carpatica.								△							◐					◐							Long blooming season	.30	
—White Star.								△							◐					◐							Ideal for edging	.30	

NAME		HEIGHT (FEET)					COLOR									SEASON					REMARKS	Ea.									
Soil: A—Average D—Dry M—Moist		Location: Full Sun Normal Full shade		One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	Ea.
	CAMPANULA garganica.	Alpine Bellflower									A										●								A real gem	.30	
	glomerata acaulis.	Danesblood									A										●								Dwarf compact showy	.30	
	latifolia macrantha.	Large leaf Bellflower									A										●								Huge showy flowers	.30	
	medium.	Single Canterbury Bells									A										●								Best as biennial	.30	
	calycanthema.	Cup and Saucer									A										●								Well known biennials	.30	
	persicifolia Humosa.	Double Peach leaf									A										●								Very desirable	.50	
	—Moerheimi.	Double Peach leaf									A										●								Camelia like flowers	.50	
	—Telham Beauty.	Peach leaf Bellflower									A										●								Huge open chalice	.30	
	portenschlagiana.	Dalmatian Bellflower									A										●								A real little gem	.30	
	poscharskyana.	Serbian Bellflower									A										●								Ever blooming	.30	
	pusilla.	Dwarf Bellflower									A										●								Dainty and choice	.35	
	rotundifolia olympica.	Olympic Harebell									A										●								Wiry stems, lovely	.30	
	turbinata.	Top Bellflower									A										●								The true form	.50	
	CARYOPTERIS incana.	Blue Spirea									A										●								Shrubby late blooming	.40	
	CENTAUREA montana.	Cornflower									D										○								Vigorous, for cutting	.25	
	ruthenica.	Ruthenian Cornflower									A										○								Thistle like flowers	.30	
	CERASTIUM tomentosum.	Snow-in-Summer									D										○								Ideal for walls	.25	
	CHEIRANTHUS allioni.	Wallflower									A										●								Best as biennial	.25	
CHRYSANTHEMUM Adelaide.	Garden Hybrid									A										●								Pompon tall	.25		
Amelia Bronze.	Azaleamum									A										○								Mounds of bloom	.25		
Amelia Pink.	Azaleamum									A										○								Pink cushions	.25		
Apollo.	Korean Hybrid									A										○								Free, single bushy	.25		
arcticum.	False Arctic Daisy									A										○								Mounds of white	.25		
Astrid.	Arctic Hybrid									A										○								Beautiful free flowering	.35		

NAME			HEIGHT (FEET)						COLOR										SEASON						REMARKS	Ea.							
Soil:	A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade	One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October					
																																	
CHRYSANTHEMUM Bar. Cumming Garden Hybrid										A										○								Early large yellow	.25				
Caliph.										A										○								Double oxblood	.75				
Captain Cook.										A										○								Tall pompon	.25				
Ceres.										A										○								Chamois yellow	.25				
Daphne.										A										○								Single spreading	.25				
Donald Wells.										A										○								Single early	.25				
Frances Whittlesey.										A										○								Large rich color	.25				
Irene.										A										○								Best white pompon	.25				
Joan Piper.										A										○								Large single	.25				
Louise Schling.										A										○								Single, a favorite	.25				
Maximum Chiffon.										A										○								Frilled and shaggy new	.50				
—Diener's Strain.										A										○								Large semi-double	.30				
—White Swan.										A										○								Double for cutting	.50				
Murillo.										A										○								Large shaggy	.25				
October Girl.										A										○								Shaggy, deep pink	.25				
Pygmy Gold.										A										○								Pompon clear color	.50				
R. Marion Hatton.										A										○								Medium free flowering	.25				
Ruth Cumming.										A										○								Large shaggy flowers	.25				
Sappho.										A										○								Single, charming	.35				
Saturn.										A										○								Brilliant sparkling	.25				
Tasiva.										A										○								Large shaggy white	.25				
CHRYSOBOLTONIA pulcherrima. September Daisy										A										○								New, cut flower	.50				
CHRYSOGONUM virginianum. Golden Star										A										○								Grand ground cover	.35				
CIMICIFUGA racemosa. Bugbane										A										●								Lovely woodland plant	.30				

NAME		HEIGHT (FEET)						COLOR									SEASON						REMARKS	Ea.					
<div></div> <div>Soil: A—Average D—Dry M—Moist</div> <div>Location: Full Sun Normal Full shade</div> <div>○ ◐ ●</div>		One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
CIMICIFUGA simplex.									M											●							Arching wands, true	1.00	
CONVALLARIA majalis.									M											●							Popular fragrant, clumps	.40	
—flore plena.									M											●							Wonderful rare form	.75	
COREOPSIS auriculata nana.									D											○							An easy dwarf	.35	
lanceolata grandiflora.									D											○							Popular cut flower	.25	
CORNUS canadensis.									M											●							Unusual ground cover	.40	
CORONILLA cappadocica.									D											○							Sheets of gold	.35	
CORYDALIS lutea.									A											●							Fall walls in shade	.35	
CYCLAMEN europaeum.									A											●							Fragrant, hardy gem	1.00	
neapolitanum.									A											●							Mottled ivy leaves	1.00	
CYPRIPEDIUM pubescens.									M											●							The easiest variety	.75	
DELPHINIUM Belladonna B. Grotto. Larkspur									A											●							Everblooming dwarf	.30	
—Clivedon Beauty.									A											○							Ideal for cutting	.25	
Bellamosum Improved.									A											○							Everblooming cut flower	.25	
chinense azureum.									A											○							Dainty low form	.25	
Gold Medal Hybrids.									A											○							A grand strain	.30	
Hybrids Springfield Strain.									A											○							Selected clumps	.60	
Lamartine.									A											○							Free branching habit	.30	
DIANTHUS arvernensis.									A											○							Persistent gray mats	.30	
Beatrice.									A											○							Purest salmon pink	.30	
deltoides Brilliant.									D											○							Evergreen ground cover	.25	
Furst Bismark.									D											○							Double, everblooming	.30	
neglectus.									D											○							Choice spiny tufts	.30	
plumarius Highland Hybrids.									D											○							Wonderful color range	.25	

Soil:
A—Average
D—Dry
M—Moist



Location:
Full Sun
Normal
Full shade



CIMICIFUGA simplex. Japanese Bugbane

CONVALLARIA majalis. Lily of the Valley

—flore plena. Dble. Lily of Valley

COREOPSIS auriculata nana. Dwarf Coreopsis

lanceolata grandiflora. Big Coreopsis

CORNUS canadensis. Bunchberry

CORONILLA cappadocica. Crown Vetch

CORYDALIS lutea. Fumitory

CYCLAMEN europaeum. Alpine Sow Bread

neapolitanum. Neapolitan Cyclamen

CYPRIPEDIUM pubescens. Lady Slipper

DELPHINIUM Belladonna B. Grotto. Larkspur

—Clivedon Beauty. Larkspur

Bellamosum Improved. Larkspur

chinense azureum. Slender Larkspur

Gold Medal Hybrids. Hybrid Larkspur

Hybrids Springfield Strain. Hybrid Larkspur

Lamartine. Formosum Larkspur

DIANTHUS arvernensis. Dwarf Cheddar Pink


Beatrice. Hybrid Pink

deltoides Brilliant. Maiden Pink


Furst Bismark. Hybrid Pink


neglectus. Ice Pink


plumarius Highland Hybrids. Grass Pink


NAME		HEIGHT (FEET)						COLOR									SEASON						REMARKS	Eg.							
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade	One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.			
 DIANTHUS Mrs. Sinkins. roysil. winteri Mrs. Wormald. DICENTRA cucullaria eximia. spectabilis. DICTAMNUS albus. —ruber. DIGITALIS alba. ambigua Isabellina. Shirley. DODECATHEON meadia. DORONICUM caucasicum. exce|sum. DOUGLASIA vitaliana. DRABA bruniifolia. siberica. DRACOCEPHALUM ruyschiana. ECHINACEA purpurea. ECHINOPS ritro. EPIGAEA repens. EPIMEDIUM macranthum niveum. —rubrum. ERIGERON speciosus mesa grande. Oregon Fleabane	Hybrid Pink								D										○									Clove scented, double	.30		
	Roy's Pink								D											○									Low gray tufts	.30	
	Hybrid Pink								D											○									New English Hybrid	.30	
	Dutchman's Breeches								M											●									Dainty woodlander	.30	
	Fringed Bleeding Heart								A											●									Always in flower	.25	
	Bleeding Heart								M											●									Old garden favorite	.50	
	Gasplant								D											○									Permanent garden plant	.35	
	Pink Gasplant								D											○									Sturdy bushy habit	.35	
	White Foxglove								A											●									Tall graceful spikes	.25	
	Foxglove								A											●										Ideal for shade	.25
Hybrid Foxglove								A											●										Wonderful strain	.25	
Shooting Star								A											○										Dancing cyclamen flowers	.30	
Leopardbane								A											●										Earliest of Daisies	.30	
Leopardbane								A											○										Tall, golden suns	.35	
Gold Androsace								A											○										Silver foliage, choice	.50	
Whitlow Grass								A											○										Spiny green tufts	.35	
Siberian Whitlow								D											●										Green spreading mats	.30	
Siberian Dragonhead								D											○										Uncommon, easy plant	.30	
Purple Coneflower								D											○										Vigorous, showy	.30	
Globe Thistle								D											○										Steel blue, cutting	.30	
Trailing Arbutus								M											●										Evergreen ground cover	.75	
Barrenwort								A											●										Attractive ground cover	.50	
Barrenwort								A											●										Beautiful foliage plant	.50	
Oregon Fleabane								A											○											Delightful cut flower	.30

NAME		HEIGHT (FEET)						COLOR										SEASON						REMARKS	Ea.		
Soil: A—Average D—Dry M—Moist	Location Full Sun Normal Full shade	One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October
ERODIUM amanum.	Heronsbill	●							D					●					●		●	●	●	●	●	●	
chamaedrioides roseum.	Pink Heronsbill	●							D					●					●		●	●	●	●	●	●	
chrysanthum.	Heronsbill	●							D										●		●	●	●	●	●	●	
EUPATORIUM coelestinum.	Blue Mist Flower		●	●					A										●		●	●	●	●	●	●	
urticaefolium.	Thorowghwort			●					A										●		●	●	●	●	●	●	
EUPHORBIA corollata.	Flowering Spurge			●					A										●		●	●	●	●	●	●	
epithymoides.	Cushion Spurge			●					A										●		●	●	●	●	●	●	
FESTUCA glauca.	Dwarf Blue Stem Grass		●	●					A										●		●	●	●	●	●	●	
GAILLARDIA Bremen.	Blanket Flower			●					D										●		●	●	●	●	●	●	
Goblin.	Blanket Flower		●	●					D										●		●	●	●	●	●	●	
Mr. Sherbrook.	Blanket Flower			●					D										●		●	●	●	●	●	●	
Ruby.	Blanket Flower			●					D										●		●	●	●	●	●	●	
GENISTA prostrata.	Creeping Broom			●					D										●		●	●	●	●	●	●	
sagittalis.	Arrowhead Broom		●	●					D										●		●	●	●	●	●	●	
sylvestris pungens.	Prickly Broom			●					D										●		●	●	●	●	●	●	
GENTIANA acaulis.	Stemless Gentian			●					A										●		●	●	●	●	●	●	
gracilipes.	Slender Gentian			●					A										●		●	●	●	●	●	●	
Hascombensis.	Hascomb Gentian			●					A										●		●	●	●	●	●	●	
GERANIUM sanguineum album.	White Cranesbill			●					A										●		●	●	●	●	●	●	
—lancastriense.	Dwarf Cranesbill			●					A										●		●	●	●	●	●	●	
GEUM borist.	Avens			●					A										●		●	●	●	●	●	●	
Fire Opal.	Avens			●					A										●		●	●	●	●	●	●	
Lady Stratheden.	Double Avens			●					A										●		●	●	●	●	●	●	
Mrs. Bradshaw.	Double Avens			●					A										●		●	●	●	●	●	●	
				●					A										●		●	●	●	●	●	●	


NAME		HEIGHT (FEET)		COLOR										SEASON						REMARKS	Ex.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Soil: A—Average D—Dry M—Moist		Location.																			20% discount on five. 40% discount on twenty-five plants to be of one variety.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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NAME		HEIGHT (FEET)						COLOR									SEASON						REMARKS	Ea.					
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade	One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
																													
HEMEROCALLIS Lemona.																													
minor.																													
Mrs. W. H. Wyman.																													
Ophir.																													
HEPATICA triloba.																													
HESPERIS matronalis.																													
—nana candidissima.																													
HEUCHERA brizoides gracillima.																													
sanguinea Perry's White.																													
—Pluie de Feu.																													
—Rosamonde.																													
HIBISCUS moscheutos.																													
HIERACIUM bombycinum.																													
HOSTA caerulea (FUNKIA)																													
fortunei.																													
plantaginea grandiflora.																													
—minor.																													
variegata.																													
HYPERICUM moserianum.																													
olympicum.																													
HYSSOPUS officinalis.																													
IBERIS saxatilis.																													
sempervirens.																													
—Little Gem.																													

NAME			HEIGHT (FEET)						COLOR								SEASON						REMARKS	Ea.						
Soil: A—Average D—Dry M—Moist		Location: Full Sun Normal Full shade	One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
IBERIS sempervirens	Snowflake.	Snowflake								△											☉								Waxy leaves, huge flowers	.30
INULA royleana.		Inula								A											○								For border, cutting	.40
IRIS arenaria.		Sand Iris								D											○								A blaze of color	.50
chrysographes.		Goldvein Iris								M											☉								For moist place	.50
cristata.		Crested Iris								M											●								Good ground cover	.30
—alba.		Crested Iris								M											●								Sheets of bloom	.35
dichotoma.		Vesper Iris								D											○								Unusual, beautiful	.50
forresti.		Yunnan Iris								M											☉								Lovely rare beauty	1.00
germanica Alcazar.		German Iris								D											○								Fragrant large flowers	.25
—Alta Californica.		German Iris								D											○								One of the finest yellows	.50
—Ambassadeur.		German Iris								D											○								Deep rich blend, huge	.25
—Autumn King.		German Iris								A											○								Fall blooming, grand	.50
—Autumn Queen.		German Iris								A											○								Quite dwarf, free flowering	.50
—Blue Velvet.		German Iris								D											○								Lovely, well named	.50
—Frieda Mohr.		German Iris								D											○								A great favorite	.50
—Grace Sturtevant.		German Iris								D											○								Unusual, fine coloring	.50
—Indian Chief.		German Iris								D											○								Gigantic, velvety red	.25
—Jean Siret.		German Iris								A											○								Fall flowering, yellow & blue	.50
—Pink Satin.		German Iris								D											○								Beautiful shade, large	1.00
—Pluie d'or		German Iris								D											○								Winner Dykes Medal	.30
—Princess Beatrice.		German Iris								D											○								Fine foliage, good variety	.25
—Red Elf		German Iris								D											○								A grand rich color	.50
—Sensation.		German Iris								D											○								Analine blue, perfect	1.00
—Souv de Mme Gaudichau		German Iris								D											○								Still a great favorite	.25

NAME		HEIGHT (FEET)						COLOR									SEASON						REMARKS	Ea.							
		One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October				
	Soil: A—Average D—Dry M—Moist																													20% discount on five. 40% discount on twenty-five plants to be of one variety.	
	Location: Full Sun Normal Full shade																														
IRIS germanica Shasta.									D											○							Large, glorious white	.50			
—Tokay.									D											○							With yellow throat	.75			
—Wedgewood.									D											○							After the famous China	.25			
gracilipes.									M											●							Grassy foliage, dainty	.50			
kaempferi Gold Bound.									M											○							Double, gold bands	.50			
—Mahogany.									M											○							Huge velvety flowers	.50			
—Pink Pearl.									M											○							Iridescent, lovely	.50			
—Pyramid.									M											○							Large showy, double	.50			
—Queen of the Blues.									M											○							Delft blue, lovely	.50			
pumila atroviolacea.									M											○							Earliest, extremely pretty	.25			
—caerulea.									A											○							Softest sky blue	.25			
—cyanea.									A											○							Fragrant large flowers	.25			
—excelsa.									A											○							Vigorous grower	.20			
—Gold Finch.									A											○							Our own raising	1.00			
—Puck.									A											○							Rich velvety maroon	.50			
—Schneecuppe.									A											○							Snowcap, greenish falls	.20			
siberica.									M											○							Border or streamside	.25			
—Perry's Blue.									M											○							Clear color, likes moisture	.30			
—Snow Queen.									M											○							Crowds of snowy flowers	.30			
sintenesi.									M											○							Tufty grass-like habit	.50			
tectorum.									A											○							Large blooms, dry place	.30			
—album.									D											○							Rare and lovely form	.50			
tenax.									D											○							Various colors	.35			
verna.									A											○							One of the loveliest	.35			

NAME		HEIGHT (FEET)				COLOR										SEASON						REMARKS	Ed.						
		One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October		
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade																												
LUPINUS polyphyllus Moerheimi. Moerheim Lupine									A										◐									Heavy spikes, good	.35
—Russell Hybrids. New Hybrid									A										◐									Sensational new strain	.75
LYCHNIS viscaria splendens fl.-pl. Catchfly									A										◐									Striking, cut flower	.35
LYCORIS squamigera. Hardy Amaryllis									A										◐									Plant between low shrubs	1.00
LYTHRUM salicaria roseum. Rose Loose-stripe									M										◐									Strong bushy grower	.30
MARRUBIUM vulgare. Hoarbound									D										◐									Herb, for candy	.25
MAZUS rugosus. Mazus									M										◐									Ground cover, charming	.25
MELISSA officinalis. Balm									A										◐									Lemon scented Herb	.25
MENTHA pulegium. Pennyroyal									M										◐									Low trailing Mint	.25
requieni. Creeping Mint									A										◐									Refreshing fragrance	.35
rotundifolia. Apple Mint									M										◐									The prettiest Mint	.30
spicata. Spearmint									M										◐									Herb, for cordials	.25
MERTENSIA virginica. Virginian Bluebell									A										◐									Fine for naturalizing	.25
MITCHELLA repens. Partridge Berry									M										◐									Evergreen cover, shade	.25
MONARDA Cambridge Scarlet Beebalm									M										◐									Herb, showy for border	.25
MUEHLENBECKIA nana. Dwarf Wirevine									A										◐									Wiry evergreen cover	.50
MYOSOTIS Pearl of Ronnenberg. Forget-Me-Not									M										◐									Everblooming, moist place	.25
MYRRHIS odorata. Sweet Cecily									A										◐									Myrrh for fragrance	.35
NEPETA mussini. Catnip									D										◐									Cover for walls, banks	.25
Six Hills Giant. Giant Catnip									D										◐									Erect form, cutting	.30
NIEREMBERGIA rivularis. Whitecup									M										◐									Low mats aye in bloom	.25
OENOTHERA speciosa. White Sundrops									D										◐									Scented large flowers	.25
fruticosa youngi. Evening Sundrops									A										◐									Bright, long season	.25
OMPHALODES verna. Navelwort									A										◐									Like Forget-me-not, shade	.30

NAME			HEIGHT (FEET)						COLOR									SEASON						REMARKS	Ea.					
<div>Soil: A—Average D—Dry M—Moist</div> <div></div> <div>Location: Full Sun Normal Full shade</div> <div>○ ◐ ●</div>			One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
PHLOX decussata Attraction.										A											○								Tall, large, a favorite	.25
—B. Comte.										A											○								Vinous red, huge trusses	.25
—Caroline Vandenbergh.										A											○								Bluest, large florets	.30
—Daily Sketch.										A											○								Largest flower, deep eye	.30
—Enchantress.										A											○								Medium height lovely color	.25
—Karl Foerster.										A											○								Improved Deutschland	.25
—Leo Schlageter.										A											○								Pyramidal trusses non fading	.30
—Lilian.										A											○								Softest clear pink	.30
—Mrs. Jenkins.										A											○								Beautiful in evening	.25
—Rheinlander.										A											○								Still one of the best	.25
—Wanadis.										A											○								Lavender in effect	.25
divaricata.										A											○								Fragrant, carpeting plant	.20
subulata alba.										A											○								Vigorous, sheets of white	.20
—Blue Hills.										A											○								Compact evergreen mats	.25
—Camlaensis.										A											○								New, glistening lge. flowers	.60
—Nelsoni.										A											○								Compact neat grower	.25
—Vivid.										A											○								Evergreen, neat spiny foliage	.25
stolonifera.										A											○								Trailing lilac heads	.30
suffruticosa Miss Lingard.										A											○								Shiny foliage, long season	.25
PHYSTEGIA virginiana Vivid.										A											○								Compact, lively color	.25
PHYTEUMA scheuczeri.										A											○								Rounded flower heads	.35
PLATYCODON grandiflorum.										A											○								Long season, delightful	.25
—album.										A											○								Large flowers, showy	.25
—Mariesi.										A											○								Dwarf form, long season	.25

NAME		HEIGHT (FEET)								COLOR										SEASON							REMARKS	Ea.	
		One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October		
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade																												
PULMONARIA angustifolia azurea. Couslip Lungwort									A										○	○								20% discount on five. 40% discount on twenty-five plants to be of one variety.	.30
PYRETHRUM hybridum. Painted Lady									A										○	○								Broad leaves, early flowering	.25
—Buckeye. Double Hybrids									A										○	○								Anemone crested large	.60
—Doris. Double Hybrids									A										○	○								For cutting, border	.60
—Lord Roseberry. Double Hybrids									A										○	○								One of the best	.60
—Queen Mary. Double Hybrids									A										○	○								Lovely soft shade	.60
Sylvia. Double Hybrids									A										○	○								Crested, large flowers	.60
ROSMARINUS officinalis. Rosemary									D										○	○								Fragrant Herb, tender	.30
RUDBECKIA hirta hybrids. Blackeyed Susan									D										○	○								Many lovely shades	.25
speciosa. Showy Coneflower									D										○	○								Beautiful for cutting	.25
RUTA graveolens. Rue									A										○	○								Attractive Herb, soups	.25
SALVIA azurea grandiflora. Azure Salvia									A										○	○								Airy slender spikes	.25
pitcheri. Blue Meadow Sage									A										○	○								True blue, at a good time	.30
SANGUINARIA canadensis. Blood Root									A										○	○								Delightful woodlander	.25
SANGUISORBA canadensis. Burnet									A										○	○								Pretty Herb, flavoring	.25
SANTOLINA incana. Lavender Cotton									A										○	○								Woolly silver shrublet, edging	.30
viridis. Green Santolina									D										○	○								Emerald evergreen, shrublet	.35
SAPONARIA ocymoides splendens. Rock Soapwort									D										○	○								Trailing gem, walls, banks	.25
SATUREIA alpina. Alpine Savory									D										○	○								Choice Rock Herb	.25
montana. Winter Savory									A										○	○								Herb used for seasoning	.25
SAXIFRAGA cordifolia. Heartleaf Saxifrage									A										○	○								Large waxy leaves	.50
SCABIOSA caucasica. Caucasian Scabiosa									M										○	○								Free blooming cut flower	.30
—House Hybrids. New Hybrids									D										○	○								Large flowers, many shades	.35
fischeri. Fischer's Scabiosa									D										○	○								Ideal for cutting	.30

NAME		HEIGHT (FEET)						COLOR									SEASON						REMARKS	Ea.						
Soil: A—Average D—Dry M—Moist		Location: Full Sun Normal Full shade		One	Two	Three	Four	Five	Six	Over	Soil	White	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
				White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	April	May	June	July	August	Sept.	October										
STOKESIA lilacina grandiflora.		Stoke's Aster									A										○								Larqe showy flowers, cutting	.30
STYLOPHORUM diphyllum.		Celandine Poppy									A										●								Everblooming, choice plant	.35
TANACETUM crispum.		Tansy									A										○								Attractive ferny Herb	.25
TEUCRIUM chamaedrys.		Chamaedrys Germander									A										○								Ideal dwarf hedge	.35
THALICTRUM adiantifolium.		Maidenhair Meadowrue									M										○								Beautiful foliage plant	.25
aquilegifolium.		Columbine Meadowrue									M										○								Airy fluffy flowers, cutting	.30
dipterocarpum.		Yunnan Meadowrue									M										○								Light airy and graceful	.35
THYMUS argenteus.		Silver Thyme									D										○								Attractive foliage, Herb	.25
citriodorus aureus.		Lemon Scented Thyme									D										○								Herb Gard., Rock Gard., walls	.25
herba barona.		Herb Scented Thyme									D										○								Green, Caraway scent	.30
Marshalli.		Marshall Thyme									D										○								Choice, very neat habit	.30
nitidus.		Shining Thyme									D										○								Small erect shrublet	.30
serpyllum albus.		White Thyme									D										○								For carpeting, Herb or Rock	.25
—coccineus.		Scarlet Thyme									D										○								Blaze of color, evergreen	.25
—lanuginosus.		Woolly Thyme									D										○								Silvery, low carpeter	.25
vulgaris.		Common Thyme									D										○								Evergreen, edging plant	.25
TRICYRTIS hirta.		Toad Lily									M										●								Uncommon, quaint, pretty	.35
TRILLIUM grandiflorum.		Snow Trillium									M										●								Early, pretty woodlander	.25
TROLLIUS europaeus.		Globe Flower									M										○								Very effective border	.35
ledebori Golden Queen.		Globe Flower									M										○								Long season, free flowering	.35
TUNICA saxifraga flore pleno.		Double Tunic Flower									A										○								Valuable, late summer	.30
VERBENA canadensis.		Canada Verbena									A										○								Spreading mats, hardy	.25
peruviana.		Peru Verbena									D										○								Dazzling, brilliant, tender	.35
pulchella maonetti.		Pretty Verbena									D										○								Like striped rock candy	.35

NAME			HEIGHT (FEET)						COLOR								SEASON						REMARKS	Ea.									
Soil: A—Average D—Dry M—Moist			Location: Full Sun Normal Full shade			One	Two	Three	Four	Five	Six	Over	Soil	White	Blue	Purple	Magenta	White	Pink	Red	Orange	Yellow	White	Exposure	April	May	June	July	August	Sept.	October	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
VERONICA armenia.													Λ										○								Low fuzzy growth	.30	
filiformis.													M										●								Rampant green carpeter	.25	
gentianoides													A										○								Handsome foliage	.30	
incana.													D										○								Gray foliage, neat habit	.25	
longifolia subsessilis.													A										○								Valuable, late border plant	.35	
pedunculata.													A										○								Spreading habit, good	.30	
repens.													A										○								For paving, cool position	.25	
spicata.													A										○								Low growth, pretty flowers	.25	
teucrium dubia Heavenly Blue.													D										○								Evergreen carpeter, showy	.25	
— — — nana.													D										○								Richest blue, very low	.35	
— — — rosea.													D										○								Mats of green foliage	.25	
— — — Royal Blue.													A										○								Charming free form	.30	
trehani.													D										○								Pretty golden foliage	.25	
VINCA minor.													M										○								Evergreen ground cover	.20	
— alba.													M										○								Evergreen, refreshing change	.25	
Bowles Variety.													M										○								Finest variety, lge. flowers	.30	
— rubra flore plena.													A										○								Rare, reddish buttons	.35	
VIOLA cornuta Apricot.													A										○								Lovely shade, edging	.20	
— Jersey Gem.													A										○								Still about the best	.25	
odorata Double Russian.													A										○								Fully double, hardy	.30	
— rosina.													A										○								Very sweet and lovely	.30	
pedata bicolor.													D										○								Always in flower	.25	
— lineariloba.													D										○								Full sun and sandy soil	.25	
Purple Glory.													A										○								Very large flowers	.30	

List of Herbs

Herbal Name	Botanical Name	Use	Each
Alpine Savary	Satureia alpina	Seasoning	\$.25
Angelica	Angelica Archangelica	Sauces	.25
Apple Mint	Mentha rotundifolia	Julep	.30
Balm	Melissa officinalis	Salads	.25
Beebalm	Monarda didyma	Fragrance	.25
Burnet	Sanguisorba canadensis	Flavor	.25
Betany (big)	Stachys grandiflora	Medicinal	.25
Betany (Wally)	Stachys lantana	Purgative	.25
Calamintha	Calamintha alpina	Seasoning	.30
Camomile	Anthemis nabilis	Tonic	.25
Cat nip	Nepeta mussini	Cats	.25
Chive	Allium schœnopræsum	Salads, Soups	.25
Clary	Salvia sclarea	Seasoning	.25
Creeping Mint	Mentha requienii	Drinks	.35
Costmary	Chrysanthemum balsamita	Medicinal	.35
Cawslip	Primula veris	Flavor wines	.30
Dittany	Origanum dictamnus	Medicinal	.75
Elecampane	Inula helenium	Medicinal	.30
Fennel	Foeniculum vulgare	Garnishing	.25
Garden Heliotrope	Valeriana officinalis	Nervousness	.25
Germander	Teucrium chamaedrys	Medicinal	.35
Greek Valerian	Polemonium caeruleum	Medicinal	.25
Haarhaund	Marrubium vulgare	Colds	.25
Hyssop	Hyssopus officinalis	Aromatic	.25
Lavender	Lavandula vera	Fragrance	.30
Lavender dwarf	Lavandula munsteadii	Knot gardens	.30
Lavender catton	Santolina incana	Aromatic	.20
Lovage	Levisticum officinale	Aromatic roots	.25
Marjoram (pat)	Origanum anisum	Seasoning	.25
Meadow Sage	Salvia pratensis	Seasoning	.25
Parsley	Petroselinum hortense	Flavoring	.20
Pennyroyal	Mentha pulegium	Seasoning	.25
Peppermint	Mentha piperita	Drinks	.25
Rosemary	Rosmarinus officinalis	Headaches	.30
Roman Wormwood	Artemisia antica	Tonic	.30
Rue	Ruta graveolens	Garnish, Soup	.25
Sage	Salvia officinalis	Flavoring	.25
Santolina green	Santolina viridis	Knot gardens	.35
Savary (winter)	Satureia montana	Seasoning	.25
Senna	Cassia marilandica	Medicinal	.30
Scented Geranium	Pelargonium crispum	Finger bowls	.30
Skirret	Sium sisarum	Salads	.25
Snake root	Cimicifuga racemosa	Snake bite	.30
Sarrel	Rumex scutatus	Salads	.25
Southernwood	Artemisia abrotanum	Maths	.30
Saw bread	Cyclamen europæum	Medicinal	1.00
Spearmint	Mentha spicata	Flavoring	.25
Sweet Cecily	Mhyrris odorata	Mhyrr-Perfume	.35
Sweetflag	Acorus calamus	Aromatic	.25
Sweet Marjoram	Origanum majorana	Flavoring	.25
Sweet Waadruff	Asperula odorata	Punch	.30
Sweet Violet	Violeta odorata	Perfume	.30
Tansy	Tanacetum crispum	Flavoring	.25
Tarragon	Artemisia dracunculus	Pickles	.30
Thoroughwort	Eupatorium urticaefolium	Medicinal	.30
Thyme (cammon)	Thymus vulgaris	Seasoning	.25
Thyme (citron)	Thymus citriodorus	Seasoning	.25
Thyme, various,	See main list	Seasoning	.25
Wild Ginger	Asarum canadense	Spice	.35
Woolly Yarrow	Achillea tomentosa	Aromatic	.30
Warmwood	Artemisia absinthium	Vermifuge	.25

Annual Herbs

Which Should Be Raised from Seed Sown in Spring

Anise	Pimpinella anisum	Cordials
Basil	Ocimum basilicum	Flavoring
Barage	Borago officinalis	Cardials—salads
Caraway	Carum carvi	Flavoring pastries
Cariander	Cariandrum sativum	Candies—Gin
Dill	Anthem graveolens	Pickles—sauces
Savory, Summer	Satureia hortensis	Soups—stews

Hardy Ferns

	Each	Ten	Hundred
ADIANTUM pedatum.			Maidenhair
Airy, graceful, shade .....	.35	.30	.24
ASPLENIUM platyneuron.			Ebony Spleenwort
Erect fronds up to 12" .....	.35	.30	.24
trichomanes.			Maidenhair Spleenwort
Small, dainty for cliffs .....	.35	.30	.24
ATHYRIUM felix femina.			Lady Fern
Grand for shady corner .....	.35	.30	.24
goringianum.			Goring Spleenwort
Soft deep green, rare .....	.35	.30	.24
—pictum.			Mottled Spleenwort
Mottled foliage, choice .....	.50	.45	.36
CAMPTOSORUS rhizophyllus.			Walking Fern
Quaint little cliff dweller .....	.35	.30	.24
OSMUNDA cinnamonea.			Cinnamon Fern
Vigorous grower .....	.35	.30	.24
POLYPODIUM virginianum.			Rockcap Fern
For rocks, cliffs, walls .....	.35	.30	.24
POLYSTICHUM acrostichoides.			Christmas Fern
Evergreen ground cover .....	.35	.30	.24
WOODSIA obtusa.			Cliff Fern
Feathery fronds, useful .....	.35	.30	.24

Fertilizers

Agrico for Trees and Shrubs	100 lbs., \$4.00; Ton lots, \$70.00
Alumina Sulphate	50 lbs., \$2.25; 200 lbs., \$7.40
Driconure	3½ bu. bag, \$2.50; 10 bag lots, \$2.25 per bag
Humus best grade	100 lbs., \$1.25; Ton lots, \$18.00
Leaf Mold	3-bu. bag, \$2.50; Ton lots, \$35.00
Lime—Hydrated	100 lbs., \$2.00; Ton lots, \$35.00
Muriate of Potash	100 lbs., \$4.00; Ton lots, \$65.00
Nitrate of Soda	100 lbs., \$3.50; Ton lots, \$60.00
Peat Moss	1 bale, \$3.00; 10 bale lots, \$2.70 per bale
Pure Raw Bone	100 lbs., \$3.50; Ton lots, \$60.00
Sheep Manure	100 lbs., \$3.15; Ton lots, \$55.00
Superphosphate, 20%	100 lbs., \$2.25; Ton lots, \$27.50
Sulphate of Ammonia	100 lbs., \$3.50; Ton lots, \$60.00
Vigoro	100 lbs., \$4.00

Insecticides

Arsenate of lead	4 lb. pkgs., 23c lb.; 96 lb. lots, 20c lb.
Black Leaf 40	2 lb. tins, \$3.25; 10 lb. tins, \$10.60
Bordeaux Mixture	4 lb. pkgs., 22c lb.; 96 lb. lots, 18c lb.
Bor-Tox	2 oz. tubes, 75c; 1 lb. cans, \$2.50
Casein Spreader	1 lb. pkgs., 22c lb.; 100 lb. lots, 20c lb.
Dry Lime Sulphur	50 lb. lots, \$8.50; 200 lb. lots, \$29.00
Dusting Sulphur	5 lb. pkgs., 75c; 100 lbs., \$7.00
Lime Sulphur Solution	1 gallon, \$1.00; 5 gallons, \$3.50
Tree Wound Dressing	1 gallon, \$2.00; 5 gallons, \$7.50
Wilson's O.K. Plant Spray.....	1 gallon, \$3.00; 5 gallons \$12.00
Wilson's Scale-O	1 gallon, \$2.00; 5 gallons, \$9.00

Mulching Table

1 cubic yard will cover approximately:	
100 square feet to a thickness of 3	inches
150 square feet to a thickness of 2	inches
300 square feet to a thickness of 1	inch
1 bale of Peat will cover:	
300 square feet to a thickness of 1	inch
1 cubic yard of Cow Manure will fertilize:	
30 trees or 60 shrubs of average nursery size	

Fertilizing Small Areas

100 lbs. per acre equals approximately	1 lb. per	436 square feet
300 " " " " " "	1 " "	145 " "
500 " " " " " "	1 " "	87 " "
1000 " " " " " "	1 " "	44 " "



No magic touch has created those velvety carpets you often envy. Their perennial beauty, always so fresh looking, is the result of annual treatments with a health building food and seed of fine bladed, everlasting grasses. Here are the things that will keep the sparkling look of Spring in your lawn . . .

SCOTT'S REGULAR MIXTURE

For sunny lawns. Produces bright green turf for deep rooting perennial grasses. Contains creeping bent for finer texture and thicker growth. Can be sown thinner than ordinary seed because the chaff is removed.

1 lb.	\$.60	10 lbs.	\$ 5.25
3 lbs.	1.75	25 lbs.	12.50
5 lbs.	2.75	50 lbs.	22.50

SCOTT'S SHADE MIXTURE

For lawns receiving less than half a day of sunshine. Special perennial grasses which produce fine thick turf under trees and between houses. Pure seed with chaff removed.

1 lb.	\$.75	10 lbs.	\$ 6.75
3 lbs.	2.15	25 lbs.	16.25
5 lbs.	3.50	50 lbs.	30.00

SCOTT'S TURF BUILDER—FOOD FOR GRASS

A special preparation for giving new grass a better start and renewing the color and vigor of old grass. It supplies all the necessary food elements and is composed of only the cleanest ingredients. Ten pounds does a better job of feeding grass than thirty pounds of ordinary fertilizer.

10 lbs.	\$1.25	50 lbs.	\$3.75
25 lbs.	2.25	100 lbs.	6.50

HOW MUCH?
Per 1,000 square feet

	New Lawns	Old Lawns
Regular Mixture..	5 lbs.	3 lbs.
Shade Mixture.....	5 lbs.	3 lbs.
Turf Builder.....	20 lbs.	10 lbs.



Uncommon Plants

TREES AND SHRUBS

<i>Aesculus parviflora</i>	Bottlebush Buckeye
<i>Azalea amoena coccinea</i>	Red Amoena Azalea
<i>Azalea pontica</i>	Pontic Azalea
<i>Azalea poukhanensis</i>	Korean Azalea
<i>Azalea schlippenbachii</i>	Royal Azalea
<i>Berberis chenaultii</i>	Chenault Barberry
<i>Berberis gagnepainii</i>	Black Barberry
<i>Berberis triacanthophora</i>	Threespine Barberry
<i>Berberis verna</i>	Vernae Barberry
<i>Betula alba fastigiata</i>	Column White Birch
<i>Carpinus betulus pyramidalis</i>	Pyramid Hornbeam
<i>Chamaecyparis obtusa filicoides</i>	Fernspray Cypress
<i>Cladrastis lutea</i>	Yellow-wood
<i>Cornus kousa chinensis</i>	Chinese Dogwood
<i>Corylopsis sinensis</i>	Winter Hazel
<i>Cotoneaster adpressa</i>	Creeping Cotoneaster
<i>Cotoneaster racemiflora soongarica</i>	Coral Cotoneaster
<i>Cotoneaster zabeli miniata</i>	Zabel Cotoneaster
<i>Crataegus oxyacantha rosea nova</i>	Single Pink Hawthorn
<i>Cydonia japonica corallina</i>	Coral Flowering Quince
<i>Cydonia japonica nivalis</i>	White Flowering Quince
<i>Daphne mezereum</i>	February Daphne
<i>Euonymus hamiltonianus</i>	Hamilton Euonymus
<i>Genista pilosa</i>	Silky Broom
<i>Hamamelis mollis</i>	Chinese Witch Hazel
<i>Hedera deltoidea</i>	Heartleaf Ivy
<i>Ilex cornuta</i>	Chinese Holly
<i>Ilex crenata helleri</i>	Heller Japan Holly
<i>Ilex verticillata polycarpa</i>	Big Fruit Winterberry
<i>Laurocerasus schipkaensis</i>	Cherry Laurel
<i>Leucothoe axillaris</i>	Lesser Leucothoe
<i>Lonicera sachalinensis</i>	Sakhalin Honeysuckle
<i>Magnolia parviflora</i>	Oyama Magnolia
<i>Malus sieboldi calocarpa</i>	Thickfruted Crab
<i>Neillia sinensis</i>	Neillia
<i>Picea excelsa clanbrasiliana</i>	Barry Spruce
<i>Picea excelsa repens</i>	Creeping Spruce
<i>Picea Omorika</i>	Serbian Spruce
<i>Pinus flexilis</i>	Limber Pine
<i>Pinus strobus fastigiata</i>	Upright White Pine
<i>Rhododendron arbutifolium</i>	Daphne Rhododendron
<i>Rhododendron racemosum</i>	Mayflower Rhododendron
<i>Rhododendron wilsoni</i>	Wilson Rhododendron
<i>Sorbaria arborea glabrata</i>	Tree Spirea
<i>Stewartia pentagyna</i>	Mountain Stewartia
<i>Stewartia pseudo camellia</i>	Japanese Stewartia
<i>Stranvaesia davidiana</i>	Stranvaesia
<i>Symplocos paniculata</i>	Turquoise Berry
<i>Taxus canadensis stricta</i>	Dwarf Hedge Yew
<i>Taxus cuspidata nigra</i>	Black Japan Yew
<i>Taxus media wellesleyana</i>	Wellesley Yew
<i>Tsuga canadensis Fremdi</i>	Fremd Hemlock
<i>Viburnum wrightii</i>	Wright Viburnum
<i>Xanthoceras sorbifolia</i>	Chinese Buckeye

PERENNIALS

<i>Aethionema iberideum</i>	Spanish Stonecress
<i>Asplenium trichomanes</i>	Maidenhair Soleenwort
<i>Campanula trachelium</i>	Top Bellflower
<i>Chrysogonum virginianum</i>	Golden Star
<i>Convallaria majalis flore pleno</i>	Double Lily-of-the-Valley
<i>Cornus canadensis</i>	Bunchberry
<i>Coronilla cappadocica</i>	Crown Vetch
<i>Cyclamen europeum</i>	Alpine Sow Bread
<i>Epimedium niveum</i>	Epimedium
<i>Genista sagittalis</i>	Arrowhead Broom
<i>Helleborus niger</i>	Christmas Rose
<i>Iberis saxatilis</i>	Rock Candytuft
<i>Linnaea borealis americana</i>	Twin Flower
<i>Lithospermum prostratum</i>	Gromwell
<i>Ophiopogon jaburan</i>	Jaburan
<i>Polygala chamaebuxus</i>	Boxleaf Polygala
<i>Primula Kleyi</i>	Kley Primrose
<i>Santolina viridis</i>	Green Lavender Cotton
<i>Silene Wherryi</i>	Wherry Campion
<i>Thymus nitidus</i>	Shiny Leaf Thyme

Plants Suitable for the Rock Garden

Evergreens

Arctostaphylos uva-ursi, 5''-6''
Azalea marcrantha, 3'
Berberis verruculosa, 3'-4'
Calluna vulgaris, and vars. 1'-2'
Cham. obtusa tilicoides, 8'-10'
Cham. obt. gracilis compacta, 8'
Cham. obt. lycopodioides, 8'
Chamaecyparis obtusa nana, 2'
Cham. plumosa nana, 2'
Cham. squarrosa nana, 1½'
Cotoneaster dammeri, 1'
Cotoneaster microphylla, 2'-2½'
Cotoneaster thymifolia, 1½'-2'
Daphne cneorum, 1'
Epigaea repens, 6''
Euonymus radicans minimus, 3''
Gaultheria procumbens, 4''-6''
Hedera conglomerata, 1'
Ilex crenata helleri, 1'
Juniperus chinensis sargentii, 1½'
Jun. communis montana, 1½'
Jun. communis suecica nana, 3'
Juniperus conferta, 9''-12''
Juniperus horizontalis, 1'-1½'
Jun. horizontalis Bar Harbor, 1'
Jun. horizontalis douglasi, 1'-1½'
Jun. horizontalis plumosa, 2'
Jun. sabina tamariscifolia, 1½'
Juniperus squamata, 1'
Juniperus squamata meyeri, 3'-4'
Juniperus squamata variegata, 1'
Leiophyllum buxifolium, 1½'
Mitchella repens, 4''
Pachistima canbyi, 3''-4''
Picea exc. clanbrasiliana, 4'-5'
Picea excelsa maxwelli, 1'-2'
Picea exc. procumbens, 1½'-2'
Picea excelsa repens, 1'
Picea glauca conica, 3'
Pinus dens. umbraculifera, 8'-10'
Pinus montana mughus, 2½'-3'
Potentilla tridentata, 8''
Rhodo. arbutifolium, 3'-4'
Rhodo. myrtifolium, 3'-4'
Rhododendron racemosum, 1'
Taxus baccata compacta, 3'-4'
Taxus baccata repandens, 2'-3'
Taxus canadensis, 2'-2½'
Taxus cuspidata nana, 2'-3'
Thuja occidentalis Little Gem, 2'
Thuja occidentalis pumila, 3'-4'
Thuja occ. umbraculifera, 2'-3'
Thuja orient. aurea nana, 4'-5'
Thuja orientalis compacta, 3'-4'
Vaccinium vitis-idaea, 6''

Deciduous Shrubs

Betula youngi, 8'-10'
Caryopteris incana, 2'-3'
Cotoneaster adpressa, 1'
Cotoneaster horizontalis, 1½'-2'
Cotoneaster perpusilla, 1½'
Cydonia alpina, 2'
Deutzia gracilis, 3'
Genista pilosa, 3'
Genista sagittalis, 9''
Hypericum buckleyi, 1'
Hypericum moserianum, 2'
Hypericum potulum forrestii, 6''-8''
Jasminum nudiflorum, 3'
Lonicera spinosa alberti, 2'
Lonicera thibetica, 3'-4'
Potentilla fruticosa, 3'-4'
Rosa Rouletti, 6''
Viburnum opulus nanum, 1'-2'

Herbaceous Perennials

Achillea clavennae, 6''
Achillea tomentosa, 9''

Aethionema grandiflorum, 1½'
Aethionema iberideum, 6''
Aethionema Warley Rose, 6''
Ajuga brockbanki, 8''
Ajuga genevensis, 1'
Ajuga reptans, 6''
Allium flavum minor, 6''
Allium senescens glaucum, 9''
Allium Thibet, 9''
Alyssum saxatile compactum, 1'
Alyssum spinosum, 6''
Androsace sarmentosa chumbyi
Anemone huphensis, 1½'
Anemone pulsatilla, 1'
Anemone pulsatilla alba, 1'
Anemone pulsatilla rubra, 1'
Anemone sylvestris, 9''
Anemone vernalis, 3''
Antennaria dioica, 6''
Aphyllanthes monspeliensis
Aquilegia alpina, 1'
Aquilegia canadensis, 15''
Aquilegia flabellata nana alba, 9''
Aquilegia pyrenaica, 6''
Arabis albida flore-plena, 7''
Arabis albida nana compacta, 4''
Arabis kelleri, 3''
Arabis procurrens, 6''-9''
Arabis Rosa Bella, 6''-9''
Arenaria caespitosa, 1''
Arenaria caespitosa aurea, 1''-2''
Arenaria montana, 4''
Arenaria purpurascens, 2''
Artemisia frigida, 4''
Aster alpinus, 8''
Aster alpinus albus, 8''
Aster Dwarf Hybrids, 1'
Aster subcaeruleus, 1'
Aster Wartburg Star, 1'
Aster yunnanensis, 9''
Aubrietia in varietq, 6''
Calamintha alpina, 6''
Campanula barbata, 8''
Campanula carpatica, 6''
Campanula carpatica alba, 6''
Campanula garganica, 3''
Campanula portenschlagiana, 3''
Campanula poscharskyana, 6''
Campanula pusilla, 3''
Campanula rotundifolia, 1'
Campanula turbinata, 6''
Cerastium tomentosum, 6''
Coreopsis auriculata nana, 1'
Coronilla cappadocica, 6''
Cyclamen europaeum, 4''-6''
Cyclamen neapolitanum, 4''-6''
Dianthus arvensis, 4''
Dianthus Beatrix, 9''
Dianthus deltoides, 8''
Dianthus Furst Bismark, 9''
Dianthus neglectus, 4''
Dianthus superbus nanus, 6''
Dicentra cucullaria, 4''-6''
Dicentra formosa, 1'
Douglasia vitaliana, 2''
Draba bruniifolia, 2''
Draba siberica, 4''
Dracocephalum ruyschiana, 1'
Epimedium macranthum, 12''
Erodium chamaedrioides, 2''
Erodium chrysanthum, 6''
Euonymus radicans minimus, 1''
 Ferns, Hardy (See page 117)
Festuca glauca, 1'
Gentiana acaulis, 1''
Gentiana hascombensis, 9''
Gentiana septemfida, 9''
Gentiana lagodechiana, 8''
Geranium sanguineum album, 9''
Geranium sanq. lancastriense, 4''
Geum borisi, 1'
Gypsophila cerastioides, 3''
Gypsophila repens, 4''

Rock Garden — continued

- Helianthemum* in variety, 8"
Hepatica triloba, 4"-6"
Heuchera in variety, 1½'
Hieracium bombycinum, 6"
Hosta plantaginea minor, 10"
Houstonia caerulea, 3"-4"
Hypericum olympicum, 6"-9"
Hypericum repens, 6"
Iberis saxatilis, 2"
Iberis sempervirens, 10"
Iberis sempervirens, Little Gem, 6"
Iberis sempervirens, Snowflake, 9"
Iris cristata, 4"
Iris forrestii, 1½'
Iris gracillipes, 5"
Iris pumila in variety, 4"-9"
Jeffersonia diphylla, 12"
Lavandula vera, Munsted, 1'
Leontopodium alpinum, 6"
Linaria aequitriloba, 1"
Linnaea borealis, 3"
Linum flavum, 9"
Linum narbonnense, 1½'
Linum perenne, 1'
Liriope graminifolia, 9"
Lithospermum prostratum, 6"
Lotus corniculatus, 4"
Mazus rugosus, 4"
Menthella requieni, ½"
Mitchella repens, 2"-3"
Myosotis scorpioides, 10"
Nepeta mussini, 10"
Nierembergia rivularis, 2"
Oenothera missouriensis, 10"
Oenothera speciosa, 1½'
Omphalodes verna, 6"
Papaver alpinum, 4"
Phlox amoena, 4"
Phlox divaricata, 1'
Phlox subulata in variety, 4"-6"
Phyteuma scheuchzeri, 1'
Plumbago larpentae, 9"
Polemonium humile, 1'
Polygala chamaebuxus, 8"
Polygala vayredeae, 6"
Potentilla nepalensis, Willmott, 1'
Potentilla rupestris pygmaea, 4"
Potentilla tonguei, 6"
Potentilla verna nana, 4"
Primula acaulis, 3"
Primula auricula, 6"
Primula cachemiriana, 9"
Primula Cortusoides, 6"
Primula frondosa, 4"
Primula sieboldii, 8"
Primula veris, assorted, 6"-10"
Rosa rouletti, 6"
Santolina incana, 1'
Santolina viridis, 8"-12"
Saponaria ocyroides splendens, 1'
Sedum in variety, 1"-9"
Semiaquilegia adoxoides, 12"
Sempervivum in variety, 4"-9"
Shortia galacifolia, 8"-12"
Silene acaulis, 2"
Silene alpestris, 5"
Silene shafta, 6"
Silene Wherryi, 6"
Statice armeria in variety, 6"-15"
Statice armeria, 6 Hills Hybrid, 6"
Teucrium chamaedrys, 1½'
Thymus citriodorus argenteus, 4"
Thymus citriodorus aureus, 4"
Thymus serpyllum in variety, 2"
Tunica saxifraga, 6"
Verbena canadensis, 6"
Verbena peruviana, 4"
Verbena pulchella maenetti, 4"
Veronica armeria, 4"
Veronica filiformis, 2"
Veronica gentianoides, 8"
Veronica incana, 1'
Veronica pedunculata, 4"-6"
Veronica repens, 2"
Veronica teucrium rupestris, 4"
Veronica teucrium rup. nana, 1"
Veronica teucrium rup. rosea, 4"
Veronica trehani, 4"
Viola blanda, 2"
Viola cornuta, Jersey Gem, 6"
Viola cornuta, Purple Queen, 5"
Viola gracilis, 5"
Viola odorata, 6"
Viola pedata, 4"

Plants for Shaded Situations

Deciduous Trees and Shrubs

- Acanthopanax pentaphyllum*, 8'
Acer pennsylvanicum, 30'
Acer spicatum, 15'
Amelanchier canadensis, 12'-15'
Amelanchier stolonifera, 4'-5'
Aronia arbutifolia, 6'-8'
Aronia melanocarpa, 8'-10'
Azalea arborescens, 10'-12'
Azalea nudiflora, 6'-8'
Azalea vaseyi, 5'-6'
Azalea viscosa, 4'-5'
Benzoin aestivalis, 10'-12'
Calycanthus floridus, 4'-5'
Cephalanthus occidentalis, 5'-6'
Cercis canadensis, 12'-15'
Chionanthus virginica, 15'-18'
Clethra alnifolia, 4'-5'
Cornus alternifolia, 15'-18'
Cornus amomum, 8'-9'
Cornus florida, 15'-25'
Cornus florida rubra, 15'-20'
Cornus mas, 15'-20'
Cornus stolonifera, 8'-10'
Diervilla trifida, 3'-4'
Halesia tetraptera, 12'-15'
Hamamelis mollis, 15'-20'
Hamamelis vernalis, 8'-10'
Hamamelis virginiana, 15'-20'
Hydrangea arb. grandiflora, 4'

- Hydrangea quercifolia*, 3'-4'
Ligustrum ibota regelianum, 5'
Lonicera fragrantissima, 6'-8'
Lonicera morrowi, 7'-8'
Lonicera tatarica, 9'-10'
Oxydendrum arboreum, 25'-30'
Philadelphus, 9'-10'
Physocarpus, 3'-4'
Rhodotypos kerrioides, 4'-5'
Symphoricarpos chenaulti, 4'-5'
Symphoricarpos racemosus, 4'-5'
Symphoricarpos vulgare, 4'-5'
Viburnum acerifolium, 4'-5'
Viburnum dentatum, 10'-12'
Viburnum lentago, 18'-20'
Viburnum molle, 10'-12'
Viburnum prunifolium, 12'-15'
Zanthoriza apiifolia, 2'-3'

Evergreens

- Azalea amoena*, 2½'-3'
Azalea hinodegiri, 3'-4'
Buxus semper. suffruticosa, 6'
Epigaea repens, 4"-6"
Euonymus radicans coloratus, 3"
Gaultheria procumbens, 4"-6"
Ilex crenata microphylla, 6'-8'
Ilex glabra, 5'-6'
Ilex opaca, 25'-30'
Juniperus communis, 2½'-3'
Kalmia latifolia, 5'-7'

Plants for Shaded Situations

continued

Leucothoe catesbaei, 3'-4'
 Mahonia aquifolium, 4'-5'
 Mitchella repens, 3''-4'
 Pachysandra terminalis, 6''-8''
 Pieris floribunda, 3'-4'
 Pieris japonica, 4'-5'
 Rhodo. catawbiense, 8'-10'
 Rhododendron hybrids, 3'-8'
 Rhodo. maximum, 12'-15'
 Taxus canadensis, 2'-2½'
 Taxus cuspidata, 4'-5'
 Tsuga canadensis, 75'-90'

Herbaceous Perennials

Aconitum (all)
 Ajuga genevensis
 Ajuga reptans
 Anemone japonica
 Anemone sylvestris
 Aquilegia
 Chimaphila maculata
 Chrysogonum virginianum
 Cimicifuga
 Convallaria majalis
 Cyclamen europaeum
 Cypripedium pubescens
 Dicentra cucullaria
 Dicentra eximia
 Dicentra spectabilis
 Digitalis
 Eupatorium fraseri
 Ferns in variety
 Helleborus niger

Hemerocallis
 Hepatica
 Heuchera (all)
 Hosta (all)
 Iberis semperivirens
 Iris cristata
 Iris gracilipes
 Iris verna
 Linnaea borealis americana
 Lithospermum prostratum
 Lobelia cardinalis
 Lobelia syphilitica
 Lychnis chalconica
 Lythrum
 Menthella requienii
 Mitchella repens
 Myosotis scorpiodes
 Myrrhis odorata
 Omphalodes verna
 Physalis
 Platycodon grandiflorum
 Polemonium
 Primula (all listed)
 Pulmonaria azurea
 Sedum kamtschaticum
 Sedum oreganum
 Sedum sarmentosum
 Sedum spurium
 Sedum ternatum
 Shortia galacifolia
 Thalictrum
 Trillium grandiflorum
 Vinca minor
 Viola

Plants for Binding Steep Banks

Shrubs

Acanthopanax pentaphyllum
 Berberis thunbergii, 4'-5'
 Cotoneaster horizontalis, 2'-3'
 Cotoneaster perpusilla, 1'-2'
 Forsythia suspensa, 5'-6'
 Lonicera spinosa alberti, 3'-4'
 Lonicera syringantha, 4'-5'
 Lonicera tatarica, 9'-10'
 Myrica carolinensis, 4'-5'
 Rhus canadensis, 4'-5'
 Robinia hispida, 6'-8'
 Rosa nitida, 12''-18''

Rosa rugosa, 4'-5'
 Rosa setigera, 5'-6'
 Symphoricarpos racemosus
 Symphoricarpos vulgare, 4'-5'
 Zanthoriza apiifolia, 2'-3'

Vines

Ampelopsis heterophylla
 Bignonia radicans
 Celastrus scandens, 20'-25'
 Lonicera halleana, 15'-20'
 Rosa lucida, 5'-6'
 Rosa wichuriana, 15'-20'

Plants for Dry Soil

DECIDUOUS TREES

Betula populifolia, 30'-40'
 Phellodendron amurense, 40'-50'
 Quercus alba, 100'

EVERGREEN TREES

Juniperus virginiana, 30'-50'
 Pinus resinosa, 80'-100'
 Pinus strobus, 80'-100'
 Pinus sylvestris, 70'-80'

DECIDUOUS SHRUBS

Acanthopanax pentaphyllum
 Colutea arborescens, 8'-10'
 Cornus paniculata, 10'-12'
 Genista tinctoria, 3'-4'
 Hypericum prolificum, 2½'-3'
 Lespedeza formosum, 5'-6'
 Myrica carolinensis, 4'-5'
 Prunus maritima, 9'-10'
 Rhamnus cathartica, 9'-10'
 Rhus canadensis, 4'-5'
 Rosa setigera, 10'-12'
 Symphoricarpos racemosus

Vaccinium corymbosum, 5'-6'
 Viburnum acerifolium, 4'-5'
 Viburnum lantana, 15'-18'

EVERGREEN SHRUBS

Arctostaphylos uva-ursi, 6''
 Jun. chinensis sargentii
 Juniperus communis, 2'-2½'
 Juniperus communis depressa
 Juniperus communis montana
 Juniperus horizontalis, 1'-1½'
 Juniperus sabina, 6'-7'
 Mahonia aquifolium, 4'-5'
 Pachysandra terminalis, 8''
 Pinus montana mughus, 2½'-3'

Herbaceous Perennials

SUNNY PLACES

Achillea ptarmica, The Pearl
 Achillea tomentosa
 Anthemis tinctoria
 Arenaria caespitosa
 Armeria in variety
 Asclepias tuberosa

Plants for Dry Soil continued

Baptisia australis
 Cerastium tomentosum
 Dianthus caesius
 Dianthus deltoides
 Dianthus plumarius
 Euphorbia corollata
 Festuca glauca
 Gypsophilla paniculata
 Helianthemum
 Helianthus
 Lavendula vera
 Linum perenne
 Lupinus polyphyllus
 Nepeta mussini
 Oenothera youngi
 Pentstemon barbatus
 Phlox subulata
 Plumbago larpentae
 Santolina incana

Santolina viridis
 Sedum
 Sempervivum
 Tunica saxifraga
 Yucca filamentosa

SHADY PLACES

Ajuga genevensis
 Ajuga reptans
 Aquilegia canadensis
 Aquilegia chrysantha
 Aster alpinus
 Convallaria majalis
 Heuchera sanguinea
 Iberis sempervirens
 Liatris pycnostachya
 Platycodon grandiflorum
 Sedum Spectabile

Plants for Marshy Places

Deciduous Trees

Acer rubrum, 50'-75'
 Betula nigra, 50'-60'
 Larix leptalepis, 50'-60'
 Liquidamber styraciflua, 50'-60'
 Quercus palustris, 75'-90'
 Quercus phellos, 75'-90'
 Salix babylonica, 50'-60'
 Taxodium distichum, 100'
 Tilia americana, 80'-90'
 Ulmus americana, 80'-100'

Shrubs

Aronia arbutifolia, 6'-8'
 Aronia melanocarpa, 8'-10'
 Azalea viscosa, 4'-5'
 Benzoin aestivalis, 10'-12'
 Colycanthus flaridus, 4'-5'
 Cephalanthus occidentalis, 4'-5'
 Clethra alnifolia, 4'-5'
 Cornus amomum, 8'-9'
 Cornus stolonifera, 7'-8'
 Ilex glabra, 5'-6'
 Ilex verticillata, 6'-8'
 Rhododendran canadense, 4'
 Sorbaria sorbifolia, 5'-6'
 Vaccinium corymbosum, 6'-8'

Viburnum cassinoides, 5'-6'
 Viburnum dentatum, 10'-12'
 Viburnum lentago, 18'-20'

Herbaceous Perennials

Aruncus sylvester
 Aster novae-angliae
 Boltania latisquama
 Caltha palustris
 Cimicifuga racemosa
 Helenium autumnale
 Hemeracallis
 Hibiscus moscheutos
 Iris chrysagraphe
 Iris forrestii
 Iris kaempferi
 Iris sibirica
 Labelia cardinalis
 Lobelia siphilitica
 Lythrum salicaria raseum
 Myosotis scorpioides (palustris)
 Physostegia virginica
 Primula cachemiriana
 Primula japonica
 Primula japonica, Red Hugh
 Primula pulverulenta
 Trollius europaeus
 Trollius, Orange Globe

Plants for Acid Soil

The acidity of soil varies to a considerable degree and same plants prefer a decidedly acid reaction while others succeed best in a slightly acid soil. This list includes plants which have a preference for soil on the acid side, always providing other nutritional conditions are favorable.

Deciduous Trees and Shrubs

Abelia	Chionanthus	Liriodendran
Acer pennsylvanicum	Cladrastris	Lonicera belgica
Acer spicatum	Clethra	Magnolia
Aesculus parviflora	Cornus	Myrica
Amelanchier	Cydonia	Neillia
Amarpha	Cytisis scoparius	Nyssa
Aronia	Daphne mezereum	Oxydendrum
Azalea	Enkianthus	Quercus
Baccharis	Fagus	Sambucus
Benzoin	Forsythia	Sophora
Betula lenta	Genista	Sorbus
Buddleia	Ginkgo	Stewartia
Callicarpa	Halesia	Styrax
Calycanthus	Hamamelis	Symplocos
Carpinus	Ilex	Vaccinium
Celastrus	Itea virginica	Viburnum
Cephalanthus	Liquidambar	Vitex

Plants for Acid Soil

continued

Conifers

Abies
Chamaecyparis
Juniper horizontalis
Picea

Pinus
Pseudotsuga
Thuya
Tsuga

Broadleaf Evergreens

Azalea
Buxus
Calluna
Erica
Ilex glabra
Ilex opaca
Kalmia

Leiophyllum
Leucothoe
Pachistima
Pieris
Potentilla tridentata
Rhododendrons

Perennials

Aconitum
Actaea
Allium
Alyssum
Anemone
Aquilegia
Arenaria
Artemisia
Asclepias
Aster
Astilbe
Baptisia
Caltha
Chelone lyoni
Cimicifuga
Convallaria
Coreopsis
Corydalis
Cypripedium acaule
Dicentra
Digitalis
Erythronium
Gaillardia
Gentiana
Helianthemum
Helleborus
Hepatica

Heuchera
Hibiscus moscheutos
Houstonia
Iberis
Iris, Japanese
Jeffersonia
Liatris
Lobelia
Lotus
Lupinus
Lythrum
Mertensia
Monarda
Oenothera
Phlox Ovata
Phlox stolonifera
Polemonium
Polygala paucifolia
Primula
Ranunculus
Sanguinaria
Sedum anglicum
Trillium
Trollius
Valeriana
Viola
Viola pedata

Ground Covers

Antennaria
Arctostaphylos
Asarum
Chimaphila
Convallaria
Cornus canadensis
Epigaea

Galax
Gaultheria
Houstonia
Linnea americana
Mitchella
Pachysandra

Plants for Wall-Gardening

Achillea tomentosa
Aethionema (all)
Alyssum (all listed)
Androsace chumbyi
Androsace lanuginosa
Antennaria dioica
Arabis in variety
Arenaria montana
Asplenium platyneuron
Asplenium trichomanes
Aubretia in variety
Calamintha alpina
Campanula garganica
Campanula portenschlagiana
Campanula poscharskyana
Campanula pusilla
Cerastium tomentosum
Chieranthus allioni
Corydalis lutea (shady)
Dianthus arvernensis
Dianthus caesius
Dianthus deltoides
Dianthus neglectus
Dracocephalum
Erodium (all)

Geranium sanguineum & varieties
Gypsophila repens
Helianthemum in variety
Hypericum olympicum
Iberis in variety
Leontopodium alpinum
Lithospermum prostratum,
Lotus corniculatus
Nepeta mussini
Oenothera missouriensis
Oenothera speciosa
Phlox subulata and varieties
Plumbago larpendae
Primula auricula (shady)
Saponaria ocymoides
Sedum (all except spectabile)
Sempervivum (all)
Silene alpestris
Silene maritima fl.-pl.
Silene schafta
Statice armeria
Teucrium chamaedrys
Thymus (all)
Tunica saxifraga
Veronica teucrium rupestris & var.

Crevice Plants

Achillea tomentosa
Antennaria dioica
Arenaria caespitosa
Arenaria caespitosa aurea
Campanula pusilla
Euonymus radicans minimus
Linaria aequitriloba
Lotus corniculatus
Menthella requieni
Nierembergia rivularis
Phlox subulata varieties (for large steps)

Sedum acre
Sedum anglicum
Sedum dasyphyllum
Sedum nevi
Sedum sexangulare
Sedum spath. purpureum
Sempervivums (all)
Silene alpestris
Statice armeria
Thymus (all)
Tunica saxifraga
Veronica repens

Ground Covers

For Shady Places

Ajuga reptans
Asarum shuttleworthi
Chimaphylla maculata
Chrysogonum virginianum
Convallaria majalis
Cornus canadensis
Dicentra eximia
Epigaea repens
Epimedium in variety
Euonymus radicans coloratus
Euonymus radicans minimum
Ferns in variety
Gaultheria procumbens
Hedera helix and varieties
Hepatica triloba
Linnaea borealis
Mitchella repens
Pachistima canbyi
Pachysandra terminalis
Polemonium reptans
Shortia galacifolia
Taxus canadensis
Vaccinium vitis-idaea
Veronica filiformis
Veronica repens
Vinca minor and varieties

For Sunny Places

Achillea tomentosum
Arctostaphylos uva-ursi
Arenaria caespitosa
Calluna vulgaris and varieties
Cerastium tomentosum
Dianthus plumaris
Dicentra eximia
Helianthemum in variety
Iberis sempervirens
Juniperus chinensis sargentii
Juniperus communis depressa
Juniperus communis montana
Jun. horizontalis Bar Harbor
Juniperus horizontalis plumosa
Juniperus sabina tamariscifolia
Juniperus squamata
Leiophyllum buxifolium
Lotus corniculatus
Pachystima canbyi
Phlox subulata
Sedum in variety
Thymus serpyllum
Veronica teucrium rupestris
Zanthorhiza apiifolia

Berry-Bearing Trees and Shrubs

Red Berries

Aronia arbutifolia, 8'-10'
Benzoin aestivale, 10'-12'
Berberis aggregata pratti, 8'-10'
Berberis thunbergii, 4'-5'
Berberis verna, 5'-6'
Berberis vulgaris, 8'-9'
Cornus florida, 15'-25'
Cornus kousa, 15'-20'
Cornus mas, 15'-20'
Cotoneaster apiculata, 6'-7'
Cotoneaster dammeri, 1'-1½'
Cotoneaster dielsiana, 6'-8'
Cotoneaster divaricata, 6'-7'
Cotoneaster franchetti, 7'-8'
Cotoneaster horizontalis, 1'-1½'
Coton. horizontalis perpusilla
Cotoneaster hupehensis, 5'-6'
Cotoneaster lemoinei, 5'-6'
C. racemiflora soongarica
Cotoneaster rotundifolia, 7'-8'
Cot. salicifolia floccosa
Cotoneaster Simonsi, 5'-6'
Crataegus coccinea, 15'-20'
Crataegus cordata, 12'-15'
Crataegus crus-galli, 15'
Crataegus mollis, 20'-25'
Crataegus oxyacantha, 20'
Elaeagnus longipes, 6'-8'
Elaeagnus pungens, 10'-12'
Elaeagnus umbellata, 8'-10'
Euonymus alatus, 9'-10'
Euonymus europaeus, 12'-14'
Euonymus hamiltonianus, 9'-10'
Euonymus radicans vegetus
Euonymus yedoensis, 9'-10'

Ilex cornuta, 8'-10'
Ilex opaca, 25'-30'
Ilex pernyi, 7'-8'
Ilex verticillata, 6'-8'
Lonicera korolkowi floribunda
Lonicera maackii, 8'-9'
Lonicera minutiflora, 7'-9'
Lonicera morrowi, 7'-8'
Lonicera sachalinensis, 10'-12'
Lonicera syringantha wolffi, 4'
Lonicera tatarica, 9'-10'
Malus floribunda, 12'-15'
Malus prunifolia, 15'
Malus sargentii, 8'-9'
Nyssa sylvatica, 60'-70'
Photinia villosa, 12'-15'
Pyracantha coccinea lalandi
Rhus canadensis, 3'-5'
Rosa blanda, 4'-5'
Rosa rubiginosa, 5'-6'
Rosa rubrifolia, 6'-8'
Rosa rugosa, 4'-5'
Rosa setigera, 10'-12'
Sambucus pubens, 10'-12'
Sorbus aucuparia, 25'-30'
Symphoricarpos chenaultii, 4'-5'
Symphoricarpos vulgaris, 4'-5'
Viburnum americanum, 8'-9'
Viburnum dilatatum, 8'-9'
Viburnum opulus, 9'-10'
Viburnum wrightii, 8'-10'

White Berries

Cornus alba sibirica, 8'-10'
Cornus paniculata (bluish), 10'-12'
Cornus stolonifera, 7'-8'

Berry-Bearing Trees and Shrubs

continued

White Berries *Continued*

Myrica carolinensis (gray)
Pachysandra terminalis, 8"-10"
Symphoricarpos racemosus

Yellow Berries

Elaeagnus angustifolia, 15'-18'
Ilex opaca xanthocarpa, 25'-30'
Malus arnoldiana, 12'-15'

Black Berries

Amelanchier canadensis, 25'
Aronia melanocarpa, 8'-10'
Berberis atropurpurea, 5'-6'
Berberis verruculosa, 2'-8'
Cotoneaster acutifolia, 8'-10'
Cotoneaster foveolata, 8'-10'
Ilex crenata bullata, 4'-5'
Ilex crenata microphylla, 6'-8'
Ilex glabra, 5'-6'
Ligustrum regelianum, 4'-5'
Rhamnus cathartica, 9'-10'
Rhamnus frangula, 10'-12'

Rhodotypos kerrioides, 4'-5'
Viburnum acerifolium, 4'-5'
Viburnum lantana, 15'-18'
Viburnum prunifolium, 12'-15'
Viburnum sieboldi, 9'-10'

Deep Blue-Black Berries

Berberis gagnepaini, 5'-6'
Berberis julianae, 6'-7'
Berberis tricanthophora, 4'-5'
Chionanthus virginica, 20'
Cornus controversa, 20'-25'
Vaccinium corymbosum, 4'-12'
Viburnum cassinoides, 5'-6'
Viburnum dentatum, 10'-12'
Viburnum lentago, 25'-30'

Blue Berries

Ampelopsis heterophylla
Callicarpa purpurea (mauve)
Cornus amomum, 8'-9'
Symplocos paniculata, 30'-40'

Plants Attractive to Birds

*—Nesting

○ *Amelanchier canadensis*
 * *Ampelopsis quinquefolia*
 * *Ampelopsis tricuspidata*
 ○ *Aronia arbutifolia*
 ○ *Aronia melanocarpa*
 ○ *Benzoin aestivale*
 *○ *Berberis thunbergii*
 *○ *Berberis vernae*
 *○ *Berberis vulgaris*
 ○ *Betula lenta*
 ○ *Betula nigra*
 ○ *Betula papyrifera*
 ○ *Celastrus scandens*
 * *Cornus alba*
 * *Cornus controversa*
 *○ *Cornus florida*
 ○ *Cornus kousa*
 *○ *Cornus mas*
 *○ *Cornus paniculata*
 *○ *Crataegus* most varieties
 ○ *Eleagnus longipes*
 ○ *Euonymus europaeus*

O—Food

○ *Gaultheria procumbens*
 *○ *Ilex opaca*
 ○ *Ilex verticillata*
 *○ *Juniper virginiana* varieties
 *○ *Lonicera* in variety
 *○ *Malus floribunda* and vars.
 ○ *Mitchella repens*
 ○ *Myrica carolinensis*
 * *Picea polita*
 *○ *Pinus nigra*
 * *Pinus resinosa*
 *○ *Pinus strobus*
 *○ *Rhamnus frangula*
 ○ *Sambucus pubens*
 ○ *Sorbus aucuparia*
 * *Symphoricarpos chenaultii*
 * *Symphoricarpos racemosus*
 * *Symphoricarpos vulgaris*
 * *Tsuga canadensis*
 ○ *Vaccinium corymbosum*
 *○ *Viburnums* in variety
 ○ *Weigela*

Plants with Distinctive Bark

Acer pennsylvanicum (Striped)
Betula alba (White)
Betula nigra (Papery brown)
Betula papyrifera (Papery white)
Betula populifolia (Creamy)
Carpinus betulus (Blue-gray)
Cornus alba (Bright red)
Cornus controversa (Purple)
Cornus paniculata (Gray)
Cornus stolonifera (Deep red)
Cornus stolonifera lutea (Yellow)
Elaeagnus (Silvery)
Euonymus alatus (Corky)

Euonymus europaeus (Green)
Fagus varieties (Gray)
Forsythia viridissima (Green)
Kerria japonica (Green)
Laburnum vulgare (Green)
Liquidambar styraciflua (Corky)
Platanus orientalis (Spotted)
Rosa lucida (Reddish)
Rosa lucida alba (Green)
Rosa rubrifolia (Dull red)
Salix vitellina (Yellow)
Tilia euchlora (Red twig)
Tilia platyphyllos aurea (Yellow)

Plants Suitable for Hedges

Evergreens

TALL

Berberis julianae
Chamaecyparis pisifera and var.
Chamaecyparis plumosa
Chamaecyparis filifera
Euonymus patens
Juniperus virginiana vars.
Picea excelsa
Pinus strobus
Pyracantha lalandi
Taxus cuspidata capitata
Thuja occidentalis and varieties
Thuja plicata atrovirens
Tsuga canadensis
Tsuga caroliniana

LOW

Berberis triacanthophora
Berberis verruculosa
Buxus
Chamaecyparis obtusa gracilis
Ilex crenata bullata
Ilex crenata microphylla
Juniperus chinensis pfitzeriana
Mahonia aquifolia
Taxus cuspidata
Taxus cuspidata nana
Taxus media
Thuja occidentalis dwarf varieties
Thuja occidentalis Little Gem
Thuja orientalis nana aurea

Plants Suitable for Hedges

Deciduous

TALL

Acer ginnala
Carpinus betulus
Cotoneaster acutifolia
Crataegus coccinea
Crataegus cordata
Crataegus crusgalli
Crataegus oxaycantha
Euonymus alatus
Fagus americana
Fagus sylvatica
Hibiscus syriacus
Ligustrum amurense
Ligustrum ovalifolium
Lonicera fragrantissima
Lonicera minutiflora
Photinia villosa
Rhamnus frangula
Salix pentandra
Syringa vulgaris
Viburnum dentatum

LOW

Berberis thunbergi
Berberis thunbergi minor
Berberis verna
Cotoneaster divaricata
Cydonia japonica
Deutzia gracilis
Ligustrum lodense
Hypericum aureum
Ligustrum ovalifolium (clipped)
Ligustrum regelianum
Philadelphus lemoinei and var.
Rhodotypos kerriodes
Rosa rugosa
Spiraea Anthony Waterer
Spiraea prunifolia
Spiraea thunbergi
Spiraea van houttei
Stephandra flexuosa
Symphoricarpos chenaulti
Viburnum opulus nana

Shrubs for Espalier

Amygdalus persica
Cercis chinensis
Corylopsis sinensis
Cotoneaster franchetti
Cotoneaster horizontalis
Cotoneaster salicifolia floccosa
Cotoneaster simonsi
Crataegus in variety
Cydonia in variety
Forsythia suspensa
Hamamelis japonica
Hamamelis mollis
Jasminum nudiflorum

Laburnum vulgare
Lonicera fragrantissima
Lonicera heckrotti
Lonicera morrowi
Magnolia glauca
Magnolia parviflora
Malus micromalus
Malus sargentii
Prunus triloba
Pyracantha coccinea lalandi
Stewartia pentagyna
Viburnum carlesi
Xanthoceras sorbifolia

Vines

Flowering

Actinidia
Bignonia
Clematis
Hydrangea petiolaris
Lonicera
Polygonum
Rosa wichuriana and varieties
Wisteria

Foliage

Actinidia
Akebia
Ampelopsis
Euonymus
Hedera
Lonicera
Rosa

Rapid Growth

Actinidia
Clematis
Polygonum

Fruiting

Actinidia
Akebia
Ampelopsis heterophylla
Celastrus
Clematis

Self-Clinging (by roots)

Ampelopsis tricuspidata
Ampelopsis tricuspidata lowi
Bignonia
Euonymus
Hedera
Hydrangea petiolaris
Schizophragma hydrangeoides

Climbing

Actinidia
Ampelopsis heterophylla
Ampelopsis quinquefolia
Celastrus
Clematis
Lonicera
Wisteria

Evergreen Conifers

Tall

Abies concolor, 50'-60'
Abies homolepis, 60'-80'
Abies nordmanniana, 80'-100'
Abies veitchi, 50'-60'
Cedrus atlantica glauca, 50'-60'
Cedrus Libani, 60'-80'
Chamaecyparis pisifera, 30'-40'
Cham. pisifera aurea, 30'-40'
Chamaecyparis plumosa, 35'-40'

Cham. plumosa aurea, 30'-35'
Chamaecyparis squarrosa, 30'-40'
Cryptomeria jap. lobbi, 50'-60'
Juniperus virginiana, 30'-50'
Picea canadensis, 50'-60'
Picea excelsa, 80'-100'
Picea excelsa pyramid., 40'-50'
Picea koyamai, 40'-50'
Picea omorika, 60'-80'
Picea orientalis, 60'-80'
Picea polita, 60'-80'

Evergreen Conifers — continued

Tall

Continued

Picea pungens, 70'-80'
Picea pungens glauca, 70'-80'
Picea pungens Kosteri, 50'-60'
Pinus densiflora, 50'-60'
Pinus excelsa, 50'-60'
Pinus flexilis, 35'-40'
Pinus nigra, 50'-60'
Pinus resinosa, 60'-70'
Pinus strobus, 80'-100'
Pinus strobus fastigiata, 35'-40'
Pinus sylvestris, 40'-50'
Pinus thunbergii, 60'-70'
Pseudotsuga douglasi, 70'-80'
Thuja occidentalis, 35'-40'
Thuja occiden. pyramid., 25'-30'
Thuja orientalis, 25'-30'
Thuja plicata atrovirens, 35'-40'
Tsuga canadensis, 70'-80'
Tsuga caroliniana, 40'-50'
Tsuga diversifolia, 50'

Medium Height

Chamaecyparis obtusa, 20'-25'
Cham. obt. lycopodioides, 8'
Cham. obtusa magnifica, 25'-30'
Cham. obtusa youngi, 20'-25'
Cham. pisifera filifera, 20'-25'
Juniperus chinensis, 18'-20'
Jun. chin. columnaris, 20'-25'
Jun. chin. col. viridis, 20'-25'
Juniperus chin. fortunei, 12'-15'
Jun. chin. neaboriensis, 8'-10'
Juniperus chin. oblonga, 10'-12'
Juniperus virg. burki, 12'-15'
Juniperus virg. cannarti, 20'-25'
Jun. virg. elegantissima, 15'-18'
Juniperus virg. glauca, 20'-25'
Juniperus virg. keteleeri, 18'-20'
Juniperus virg. schottii, 20'-25'
Pinus cembra, 25'-30'
Sciadopitys verticillata, 20'-25'
Taxus cusp. capitata, 20'-25'
Taxus cuspidata hatfieldi, 15'
Thuja occ. doug. aurea, 15'-20'
Thuja occ. doug. pyramid., 20'-25'
Thuja occ. elegant., 15'-20'
Thuja occidentalis lutea
Thuja occ. riversi, 10'-12'
Thuja occ. rosenthali, 10'-12'
Thuja occ. vervaeneana, 10'-12'
Thuja occ. wareana, 12'-15'
Thuja orient. conspicua, 10'-12'
Thuja orient. elegant., 10'-12'
Thuja standishi, 12'-15'
Tsuga canadensis atrovirens, 20'
Tsuga canadensis dwarf forms, 4'-10'

Shrubby

Cham. obtusa compacta, 5'-6'
Cham. obtusa cripsii (slow), 8'-10'
Cham. obt. gracilis (slow), 12'
Cham. obt. grac. compacta, 6'-8'
Cham. pis. filifera aurea, 15'

Juniperus chin. albo variegata, 10'
Juniperus chin. japonica, 4'-5'
Juniperus chin. pfitzeriana, 5'-6'
Juniperus canadensis, 3'-4'
Juniperus communis, 3'-4'
Juniperus excelsa stricta, 5'-6'
Juniperus sabina, 5'-6'
Jun. squamata meyeri, 6'-8'
Juniperus suecica nana, 3'-4'
Jun. virginiana globosa, 4'-5'
Juniperus virg. pendula, 15'-20'
Juniperus virg. pyramidalis, 20'
Juniperus virg. smithii, 6'-8'
Picea excelsa clanbrasiliana, 4'-5'
Picea excelsa conica, 6'-8'
Picea glauca conica, 5'-6'
Pinus densif. umbraculifera, 8'
Taxus baccata compacta, 10'
Taxus bac. ovata, 12'-15'
Taxus baccata washingtoni, 6'-8'
Taxus cuspidata, 10'-12'
Taxus cusp. Anderson, 12'-15'
Taxus cuspidata compact, 6'-8'
Taxus cuspidata densa, 4'-5'
Taxus cuspidata nana, 5'-6'
Taxus cuspidata nigra, 6'-8'
Taxus media, 10'-12'
Taxus media browni, 5'-6'
Taxus media hicksii, 10'-12'
Taxus sieboldii, 10'-12'
Thuja occ. compacta, 4'-5'
Thuja occ. globosa, 3'-4'
Thuja occ. hoveyi, 3'-4'
Thuja occ. pumila, 3'-4'
Thuja occ. woodwardii, 3'
Thuja occ. umbraculifera, 3'-4'
Thuja orient. aurea nana, 4'-5'
Thuja orient. bakeri, 5'-6'
Thuja orient. compacta, 4'-5'
Tsuga canad. pendula, 6'-8'

Low or Prostrate

Chamaecyparis squarrosa nana, 2'
Cham. plumosa lutescens, 3'
Cham. plumosa nana, 2'
Jun. chinensis sargentii, 2'-2½'
Jun. communis aurea, 1½'
Jun. communis montana, 1'
Juniperus conferta, 9''-12''
Juniperus horizontalis, 1'-1½'
Jun. hor. Bar Harbor, 6''-12''
Juniperus hor. douglasi, 9''-12''
Juniperus hor. glauca, 1'-1½'
Juniperus hor. hudsonica, 1'-2'
Jun. horizontalis plumosa, 1'-2'
J. sabina tamariscifolia, 1'-2'
Juniperus squamata, 1'-2'
Jun. squamata variegata, 1'-2'
Picea excel. maxwellii, 1½'-2'
Picea excelsa procumbens, 2'
Picea excelsa pumila, 3'
Picea excelsa repens, 1½'
Pinus mugho, 3'
Taxus baccata repandens, 2'-3'
Taxus canadensis, 2½'-3'
Thuja occ. Little Gem, 2'-2½'

Broad Leaved Evergreens

Abelia grandiflora, 5'-6'
Arctostaphylos uva-ursi
Azalea Akebona, 6'-8'
Azalea amoena, 4'-5'
Azalea amoena coccinea, 4'-5'
Azalea fujimayo, 5'-6'
Azalea hinodegiri, 4'-5'
Azalea hinomayo, 3'-4'
Azalea kaempferi hybrids, 3'-4'
Azalea ledifolia, 4'-5'
Azalea macrantha, 3'-4'
Berberis chenaultii, 3'-4'
Berberis gagnepainii, 4'-5'
Berberis julianae, 6'-7'
Berberis tricanthophora, 4'-5'
Berberis verruculosa, 3'-3½'

Buxus species, 5'-10'
Calluna vulgaris, 6''-15''
Chimaphila maculata, 6''-8''
Cotoneaster dammeri, 1'-1½'
Cotoneaster franchetti, 8'-10'
Cotoneaster horizontalis, 2'-2½'
Coton. hor. perpusilla, 1'-2'
Cotoneaster microphylla, 2'-3'
Cotoneaster thymifolia, 2'-3'
Daphne cneorum, 1'
Erica carnea, 1½'
Euonymus patens, 8'-10'
Euonymus radicans, vine
Euonymus rad. coloratus, vine
Euonymus radicans vegetus, vine
Gaultheria procumbens, 4''-6''

Broad Leaved Evergreens continued

Hedera helix and varieties, vine
Hedera helix conglomerata
Hedera helix deltoidea, 2'
Hedera helix minima, 1½'
Iberis sempervirens, 1'
Ilex cornuta, 10'
Ilex crenata, 12"-15"
Ilex crenata convexa, 3'-4'
Ilex crenata helleri, 1½'
Ilex crenata microphylla, 8'-10'
Ilex glabra, 4'-6'
Ilex opaca, 30"-40"
Ilex pernyi, 7'-8'
Kalmia angustifolia, 3'-4'
Kalmia latifolia, 6'-8'
Laurocerasus schipkaensis, 4'-6'
Lavandula vera, 1½'-2'
Leiophyllum buxifolium, 1'-2'
Leucothoe axillaris, 2'-3'
Leucothoe catesbaei, 3'-4'
Lithospermum prostratum
Lonicera fragrantissima, 6'-8'
Lonicera nitida, 4'-5'
Lonicera japonica halliana, vine
Mahonia aquifolium, 3'-4'
Mitchella repens, vine, 2"

Pachistima canbyi, 6"-9"
Pachistima myrsinites, 18"
Pieris floribunda, 4'-5'
Pachysandra terminalis, 6"-9"
Pieris japonica, 6'-7'
Potentilla tridentata, 10"-12"
Pyracantha coccinea, 8'-10'
Pyracantha cocc. lalandi, 15'-18'
Rhodo. arbutifolium, 3'-4'
Rhodo. carolinianum, 5'-6'
Rhodo. catawbiense, 8'-10'
Rhododendron Hybrids, 4'-12'
Rhodo. maximum, 12'-15'
Rhododendron minus, 6'-8'
Rhodo. myrtifolium, 3'-4'
Rhodo. racemosum, 1'-2'
Rhodo. wilsoni, 4'-5'
Santolina incana, 1½'
Stranvaesia davidiana, 12'-15'
Teucrium chamaedrys, 12"-15"
Thymus citriodorus, 6"-9"
Vaccinium vitis-idea, 6"-9"
Viburnum rhytidophyllum, 8'-10'
Vinca minor, vine
Yucca filamentosa, 2'-3'

Deciduous Shrubs

Dwarf up to 3 ft.

Berberis thunbergi minor, 2'-3'
Caryopteris incana, 1½'-2'
Cotoneaster adpressa, 1'
Cotoneaster horizontalis, 2'
Cydonia japonica alpina, 1'-2'
Cydonia japonica pygmaea, 2'-3'
Cydonia maulei, 2'-3'
Cytisus kewensis, 1'-2'
Daphne mezereum, 3'
Deutzia gracilis, 3'
Deutzia gracilis rosea, 3'-4'
Diervilla trifida, 3'
Elsholtzia farquhari, 3'
Genista pilosa, 1'-2'
Genista tinctoria fl. pl. 2'-3'
Hydrangea quercifolia, 3'
Hypericum moserianum, 1'-2'
Indigofera gerardiana, 3'
Indigofera kirilowi, 3'
Ligustrum vulgare lodense, 2'-3'
Lonicera thibetica, 3'
Potentilla fruticosa, 3'
Rosa humilis, 2'-3'
Rosa nitida, 2'
Spiraea Anthony Waterer, 3'
Viburnum opulus nanum, 1'-2'
Zanthorhiza apiifolia, 2'

Medium up to 6 ft.

Abelia grandiflora, 5'-6'
Amelanchier stolonifera, 4'-5'
Aronia melanocarpa, 3'-4'
Azalea kaempferi, 5'-6'
Azalea mollis, 4'-5'
Azalea mucronulata, 5'-6'
Azalea poukhanensis, 4'-5'
Azalea pouk. yodogawa, 4'-5'
Azalea schlippenbachii, 6'
Berberis gagnepaini, 4'-5'
Berberis sieboldi, 4'-5'
Berberis thunbergi, 5'-6'
Berberis thun. atropurpurea, 5'-6'
Berberis verna, 5'-6'
Buddleia Ile de France, 4'-6'
Callicarpa purpurea, 4'-5'
Cotoneaster apiculata, 4'-5'
Cotoneaster dielsiana, 5'-6'
Cotoneaster divaricata, 5'-6'
Cotoneaster hupehensis, 5'-6'
Coton. racemiflora soongarica, 6'

Coton. salicifolia floccosa, 6'-8'
Cotoneaster zabeli miniata, 4'-6'
Cydonia japonica and var., 3'-5'
Cytisus scoparius, 5'-6'
Deutzia lemoinei, 4'-5'
Eleagnus longipes, 5'-6'
Euonymus alatus compactus, 5'-6'
Forsythia suspensa, 6'
Hamamelis vernalis, 4'-6'
Hydrangea arb. grandiflora, 4'-5'
Hypericum aureum, 3'-4'
Indigofera amblyantha, 5'-6'
Kerria japonica flore pleno, 4'-6'
Lespedeza formosa, 6'
Ligustrum ibota regelianum, 5'-6'
Lonicera syringantha wolffi, 4'-5'
Neillia sinensis, 4'-5'
Philadelphus lemoinei, 4'-5'
Philadelphus Mont Blanc, 4'-5'
Physocarpus opulifolia nana, 3'-4'
Prunus glandulosa, 4'-5'
Prunus glandulosa alba, 4'-5'
Rhodotypos kerrioides, 4'-6'
Rhus canadensis, 4'-5'
Rosa blanda, 3'-4'
Rosa Grootendorst, 4'-5'
Rosa rubrifolia, 5'-6'
Rosa rugosa, 5'-6'
Sophora viciifolia, 5'-6'
Sorbaria sorbifolia, 5'-6'
Spiraea arguta, 4'-5'
Spiraea thunbergi, 4'-5'
Spiraea trilobata, 5'-6'
Spiraea trilobata, 3'-4'
Stephanandra flexuosa, 5'-6'
Symphoricarpos chenaultii, 3'-4'
Symphoricarpos racemosus, 4'-5'
Symphoricarpos vulgaris, 4'-5'
Viburnum acerifolium, 5'-6'
Viburnum carlesii, 4'-5'
Vitex macrophylla, 5'-6'
Weigela Eva Rathke, 4'-5'

Tall up to 10 ft.

Acer palmatum dissectum, 5'-6'
Aesculus parviflora, 8'-9'
Aronia arbutifolia, 8'-10'
A. melanocarpa grandiflora, 8'-9'
Azalea calendulacea, 9'-10'
Azalea nudiflora, 6'-8'
Azalea pontica, 6'-8'

Deciduous Shrubs — continued

Tall up to 10 ft.

Azalea rosea, 6'-8'
Azalea vaseyi, 10'
Azalea viscosa, 9'-10'
Berberis aggregata pratti, 8'-10'
Berberis vulgaris, 8'-9'
Berberis vulgaris purpurea, 8'-9'
Buddleia alternifolia, 8'-10'
Buddleia veitchii, 8'-10'
Calycanthus floridus, 8'-9'
Cercis chinensis, 8'-10'
Clethra alnifolia, 6'-8'
Cornus alba, 8'-10'
Cornus amomum, 8'-10'
Cornus paniculata, 10'-12'
Cornus stolonifera, 8'-10'
Cornus stolonifera lutea, 6'-8'
Corylopsis sinensis, 9'-10'
Cotoneaster foveolata, 8'-10'
Deutzia magnifica, 8'-10'
Deutzia Pride of Rochester, 8'-10'
Euonymus alatus, 8'-9'
Euonymus hamiltonianus, 9'-10'
Euonymus yedoensis, 9'-10'
Exochorda grandiflora, 8'-10'
Forsythia avata, 6'-8'
Forsythia spectabilis, 8'-9'
Forsythia viridissima, 7'-8'
Forsythia virid. koreana, 7'-8'
Hibiscus syriacus, 10'
Hydrangea paniculata, 10'
Hydrangea pan. grandiflora, 8'-10'
Ilex verticillata, 8'-10'
Ilex verticillata polycarpa, 7'-8'
Kolkwitzia amabilis, 8'
Ligustrum ibata, 8'-10'
Lonicera fragrantissima, 6'-8'
L. korolkowi floribunda, 8'-10'
Lonicera minutiflora, 8'-10'
Lonicera morrowi, 7'-8'
Lonicera notha, 8'-10'
L. tatarica and varieties, 8'-10'
Magnolia stellata, 10'
Malus floribunda brevipes, 8'
Malus sarqenti, 8'
Philadelphus coronarius, 9'-10'
Philadelphus virginialis, 7'-8'
Prunus maritima, 8'-10'
Prunus tomentosa, 7'-8'
Rhamnus frangula, 8'-10'
Robinia hispida, 6'-8'
Rosa hugonis, 6'-8'
Spiraea prunifolia, 7'-8'
Spiraea van houttei, 6'-8'
Staphylea calchica, 10'-12'
Syringa persica, 8'-10'
Syringa vulgaris varieties, 6'-10'
Vaccinium corymbosum, 6'-8'
Viburnum americanum, 10'

Viburnum cassinoides, 6'-8'
Viburnum dentatum, 10'
Viburnum dilatatum, 8'-10'
Viburnum molle, 10'
Viburnum opulus, 10'
Viburnum sieboldi, 10'
Viburnum tamentosum, 8'-10'
Vib. tomentosum plicatum, 7'-8'
Viburnum wrightii, 8'-10'
Weigela amabilis, 7'-8'
Weigela candida, 6'-8'
Weigela candida Feerie, 6'-8'
Weigela rosea, 6'-8'
Weigela venusta, 6'-8'
Xanthoceras sorbifolia, 10'

Large above 10 ft.

Acer palmatum and var., 10'-15'
Amelanchier canadensis, 25'
Amygdalus persica, 12'-15'
Azalea arborescens, 15'
Benzoin aestivale, 12'-15'
Cephalanthus accidentalis, 12'-15'
Chionanthus virginica, 20'
Colutea arborescens, 10'-12'
Cornus alternifolia, 15'-20'
Cornus controversa, 25'
Cornus kousa, 15'-20'
Cornus kousa chinensis, 15'-20'
Cornus mas, 15'-20'
Enkianthus campanulatus, 12'-15'
Euonymus europaeus, 12'-15'
Exochorda wilsoni, 10'-12'
Hamamelis japonica, 20'
Hamamelis mollis, 15'
Hamamelis virginiana, 15'
Ligustrum amurense, 10'-12'
Ligustrum ovalifolium, 10'-15'
Lonicera maackii podocarpa, 10'-12'
Lonicera sachalinensis, 10'-12'
Magnolia acuminata cordata, 20'
Magnolia soulangeana, 15'-30'
Malus micramalus, 10'-12'
Photinia villasa, 12'-15'
Rhamnus cathartica, 10'-12'
Rhus cotinus, 12'-15'
Sambucus pubens, 10'-12'
Sorbaria arborea glabrata, 12'-15'
Stewartia pentagyna, 12'-15'
Styrax japonica, 18'-20'
Symplacas paniculata, 20'
Syringa chinensis, 12'
Syringa chinensis saugeana, 12'
Syringa vulgaris, 12'-15'
Syringa vulgaris alba, 12'-15'
Viburnum lantana, 12'-15'
Viburnum lentago, 20'
Viburnum prunifolium, 10'-15'

Seashore Planting

Trees

Acer rubrum
Betula papyrifera
Betula populifolia
Crataegus coccinea
Crataegus crusgalli
Juniperus virginiana
Larix europaea
Picea pungens
Picea pungens kasteri
Pinus mantana mughus
Pinus nigra
Pinus resinosa
Pinus sylvestris
Pinus thunbergi
Platanus orientalis
Populus bolleana
Populus eugenei
Populus nigra italica
Quercus rubra
Salix elegantissima
Salix pentandra

Shrubs

Berberis thunbergi
Calluna vulgaris and varieties
Clethra alnifolia
Genista tinctoria
Hydrangea arb. grandiflora
Hypericum aureum
Ilex verticillata
Ligustrum ovalifolium
Ligustrum regelianum
Lonicera tatarica
Myrica caralinensis
Prunus maritima
Rhodotypos kerriodes
Rhus canadensis
Rosa lucida
Rosa setigera
Rosa rugosa
Symphoricarpos vulgaris
Viburnum cassinoides
Viburnum dentatum
Viburnum lentago

Plants for Autumn Coloring

Trees

Acer ginnala, 12'-20'
Acer rubrum, 50'-75'
Acer saccharum, 50'-75'
Betula lutea, 90'-100'
Carpinus caroliniana, 25'-35'
Cercidiphyllum japonicum, 80'
Cladrastis lutea, 40'-50'
Cornus florida, 15'-25'
Crataegus cordata, 15'-25'
Ginkgo biloba, 90'-100'
Halesia tetraptera, 20'-25'
Hamamelis mollis, 15'-20'
Liquidambar styraciflua
Nyssa sylvatica, 40'-60'
Oxydendrum arboreum, 25'-30'
Quercus alba, 100'
Quercus coccinea, 75'-90'
Quercus palustris, 75'-90'
Quercus rubra, 75'-90'

Shrubs

Amelanchier species, 4'-20'
Aronia arbutifolia, 6'-8'

Aronia melanocarpa, 8'-10'
Azalea vaseyi, 10'-12'
Berberis thunbergi, 4'-5'
Berberis triacanthophora, 4'-5'
Berberis verna, 5'-6'
Celastrus scandens
Clethra alnifolia, 7'-8'
Cornus alternifolia, 15'-18'
Cornus amomum, 8'-10'
Cornus paniculata, 10'-12'
Cotoneaster in variety
Enkianthus campanulatus, 12'
Euonymus alatus, 9'-10'
Euonymus americanus, 7'-8'
Hamamelis japonica, 15'-20'
Hydrangea quercifolia, 3'-4'
Mahonia aquifolia, 3'-4'
Photinia villosa, 12'-15'
Rhus canadensis, 3'-4'
Rhus cotinus, 12'-15'
Spiraea prunifolia, 7'-8'
Spiraea thunbergi, 4'-5'
Styrax japonica, 18'
Vaccinium corymbosum, 5'-6'
Viburnum (all species)

Shade Trees

Tall

Acer rubrum
Acer saccharum
Betula lutea
Betula nigra
Betula papyrifera
Cercidiphyllum japonicum
Fagus americana
Fagus sylvatica
Fagus sylvatica riversi
Fraxinus americana
Ginkgo biloba
Liquidambar styraciflua
Liriodendron tulipifera
Platanus occidentalis
Platanus orientalis
Pseudolarix kaempferi
Quercus coccinea
Quercus palustris
Quercus rubra
Taxodium distichum
Tilia americana
Tilia platyphyllos
Tilia cordata
Ulmus americana
Ulmus campestris

Medium Height

Acer platanoides
Acer platanoides schwedleri
Aesculus hippocastanum
Betula alba
Betula alba laciniata
Betula populifolia
Carpinus betulus
Fagus sylvatica asplenifolia
Gymnocladus dioica
Larix europaea
Larix leptolepis
Magnolia kobus
Nyssa sylvatica
Phellodendron amurense
Populus bolleana
Populus nigra italica
Populus simoni
Pterostyrax hispida
Quercus phellos
Salix babylonica
Salix pentandra
Sophora japonica
Tilia tomentosa
Ulmus moline

Flowering Trees

Amelanchier canadensis
Aesculus rubicunda
Amygdalus persica
Cercis canadensis
Chionanthus virginica
Cladastis lutea
Cornus florida
Cornus kousa
Cornus mas
Crataegus in variety
Halesia tetraptera
Laburnum
Magnolia kobus

Magnolia conspicua
Magnolia soulangeana and var.
Malus in variety
Koelreuteria paniculata
Oxydendrum arboreum
Prunus pissardi
Prunus serrulata and varieties
Sorbus aucuparia
Sorbus quercifolia
Stewartia pseudo camellia
Styrax japonica
Styrax obassia
Symplocos paniculata

Suitable Distances for Planting

Large street trees	50 to 60 feet apart
Medium street trees	40 to 50 feet apart
Small street trees	30 to 40 feet apart
Large shrubs	8 to 10 feet apart
Medium shrubs	4 to 6 feet apart
Small shrubs	2 to 3 feet apart
Herbaceous Perennials	6 to 18 inch apart
Ground covers	6 to 12 inch apart

Plant Combinations

Most of the pleasing effects created in the garden are made by arranging complimentary things in such order as to supplement their individual beauty. It seems best to have one item dominant and plant with the whole picture in mind. For example, low spreading subjects should be planted in large numbers as ground cover, from which can spring up definite spikes or mounds of another color. Sometimes succession of flowers or berries, or perhaps mingling of colored bark will supply the missing interest in your garden, sure it is, that careful thought with some fun-giving practice will produce many a thrill. Don't stint with materials or try too many ideas in a small area. Here are a few suggestions:

PERENNIAL BORDER

SPRING

Dicentra spectabilis—Mertensia
 Anchusa italica—Yellow Iris
 Iberis—Iris coerulea—Alyssum
 Veronica incana—Iris kaempferi white
 Iris caerulea—Euphorbia epithymoides
 Iberis Little Gem—Veronica Heavenly Blue—Potentilla verna nana
 Delphinium chinense album—Eirgeron speciosus
 Heuchera sanguinea—Aquilegia caerulea—Iris germanica purple
 Paeonia festiva maxima—Dianthus latifolius atrococcineus
 Phlox Miss Lingard—Campanula persicifolia caerulea
 Phlox Miss Lingard—Aquilegia chrysantha—Heuchera sanguinea
 Hemerocallis flava—Baptisia australis
 Anthemis tinctoria kelwayi—Delphinium Bellamosum
 Rosa hugonis—Aquilegia caerulea
 Mertensia—Trillium—Phlox divaricata
 Delphinium chinense—Aquilegia chrysantha
 Dicentra spectabilis—White Iris—Iberis
 Alyssum—Euphorbia polychroma—Iris pumila
 Hemerocallis flava—Iris sibirica

SUMMER

Cimicifuga racemosa—Asclepias
 Monarda didyma—Phlox Mrs. Jenkins
 Dianthus plumarius White—Viola Jersey Gem
 Lilies—Papaver Mrs. Perry
 Linum perenne—Cerastium tomentosum—Papaver Mrs. Perry
 Aster frikarti—Artemisia Silver King
 Coreopsis lanceolata—Delphinium
 Shasta Daisy—Anthemis kelwayi—Delphinium belladonna
 Anchusa italica—Anthemis tinctoria kelwayi
 Phlox paniculata—Lilium speciosum—Veronica subsessilis
 Hemerocallis flava—Campanula glomerata
 Campanula persicifolia—Heuchera
 Lilium candidum—Delphiniums
 Lychnis chalcidonica—White Astilbes
 Scabiosa caucasica—Campanula carpatica
 Trollius—Anchusa myosotidiflora
 Trollius—Myosotis palustris
 Campanula persicifolia—Delphinium Belladonna
 Gypsophila paniculata—Monarda didyma
 Hemerocallis—Delphinium
 Shasta Daisy—Scabiosa caucasica
 Gypsophila paniculata—Lychnis chalcidonica
 Statice latifolia—Eryngium

AUTUMN

Thalictrum dipterocarpum—Anemone japonica Alice
 Limonium—Veronica subsessilis—Lilium speciosum
 Aster Barr's Pink—Anemone Whirlwind
 Chrysanthemum Amelia—Aster frikarti—Plumbago
 Cimicifuga simplex—Aconitum wilsoni
 Eupatorium fraseri—Helenium Riverton Gem
 Aster Climax—Helenium Riverton Gem
 Thalictrum dipt.—Veronica subsessilis—Anemone japonica
 Anemone japonica—Aconitum autumnale
 Buddleia—Anemone japonica
 Helenium autumnale—Delphiniums
 Salvia pitcheri—Helenium pumilum
 Chrysanthemum arcticum—Eupatorium coelestinum

Plant Combinations - continued

ROCK GARDENS

Arabis alpina—*Pulmonaria azurea*
Iris pumila caerulea—*Viola lutea*
Linum perenne—*Androsace lanuginosa*
Phlox subulata Nelsani—*Viola Jersey Gem*
Iris gracilipes—*Heuchera*
Aubrietia Lavender—*Viola lutea*
Aubrietia Lavender—*Alyssum citrinum*
Dianthus neglectus—*Campanula muralis*
Dianthus deltoides—*Veronica rupestris*
Geranium lancastriense in front of *Iris gracilipes*
Saxifraga macnabiana—*Androsace lanuginosa*
Cheiranthus Alliani—*Viola carnea*
 Yellow Sun Rose—*Veronica Rupestris*
Campanula carpatica—*Oenothera missouriensis*
Geum sibiricum—*Phlox subulata* Wilsani
Gypsophila repens—*Campanula muralis*
Anemone pulsatilla—*Arabis*—*Doronicum*
Arabis—*Iris pumila* varieties
Campanula carpatica alba—*Heuchera*
Alyssum saxatile compactum—*Anchusa myasotidiflora*
Arabis alpina—*Viola Jersey Gem*
Cerastium tomentosum—*Heuchera sanguinea* Rosamonde
Arenaria montana—*Aquilegia flabellata*
Papaver alpinum—*Linum perenne*
Papaver nudicaule—*Phlox subulata* G. F. Wilsan
Geranium sanguineum—*Aquilegia hybrida alba*
Nierembergia rivularis—*Plumbago larpentae*
Arabis alpina fl. pl.—*Aubrietia*

GROUPINGS

Betula populifolia—*Rosa nitida*—*Myrica carolinensis*
Viburnum prunifolium—*Juniper virginiana*—*Rosa blanda*
Magnolia—*Dutch hyacinths* (red)
Forsythia suspensa—*Arabis alpina*
Prunus subhirtella pendula—*Grape hyacinths*
Iris pumila—*Spiraea thunbergi*—*Red Flowering Peach*
Spiraea thunbergi—*Tulips* soft lavender
Cercis canadensis—*Crocus* (white)
Pinus strobus—*Rhododendron carolinianum*
Juniperus virginiana—*Cataneaster horizontalis*
Crataegus—*Taxus cuspidata*
Pieris japonica—*Phlox* G. F. Wilsan
Leiophyllum buxifolium—*Ajuga reptans*
Cornus florida—*Vinca minor*—*Daffodils*
Amelanchier canadensis—*Phlox subulata*
Rosa carolina—*Cephalanthus occidentalis*
Tsuga canadensis—*Ilex verticillata*

SHRUB PLANTINGS

Amelanchier canadensis—*Azalea vaseyi*—*Viola Jersey Gem*
Hypericum maderianum—*Buddleia*
Amelanchier canadensis—*Daphne cneorum*
Forsythia intermedia spectabilis—*Azalea mucronulata*
Chionanthus virginica—*Lonicera tartarica*
Clethra alnifolia—*Patentilla fruticosa*—*Viburnum lentago*
Syringa vulgaris—*Symphoricarpos racemosus*
Symphoricarpos racemosus—*Viburnum americanum*
Berberis thunbergi—*Ligustrum regale*—*Eleagnus angustifolia*
Cornus stolonifera—*Kerria japonica* flare-plena
Cornus stolonifera lutea—*Vaccinium corymbosum*

HERBS

There is perhaps no more interesting and useful purpose to which a small corner can be devoted to a Herb Garden. So many delightful designs and knot gardens can be evolved using most of the herbs listed on page 116. We shall gladly assist in making such a garden for you.

Pruning of Shrubs

The fundamental principle of all pruning is to cut back any shrub just after its normal blooming season. This gives it a chance to produce new wood and new buds before the next blooming season.

It is also necessary with most shrubs to encourage all shoots coming up from the base. Such new growth supplies the vigorous young wood, so prune old wood to the ground.

There are a few exceptions to this rule, such as Lilac, Coralberry, Snowberry, Japanese Quince and Sorbaria, which produce good young shoots anywhere along the older branches.

Pruning is injurious if improperly done. Branchlets and twigs should be cut with a sharp knife or pruning shears. Heavy branches may be removed with a pair of lopping shears, or a saw. Large wounds should be thoroughly covered with a good tree paint. Cut each branch or twig back to the next larger one so that no useless stub is left. Small branches or twigs should be cut just above a strong bud, if possible.

Normally, excessive pruning when planting is unnecessary, if the shrubs have a good root system and the plants are fertilized and well cultivated after planting, but severe pruning is desirable with late spring planting after growth has commenced.

Most shrubs need not be pruned back more than one-third. Such shrubs as Buddleia, Callicarpa, and Vitex will often die back part way at least, when planted. They should be pruned to within 6 or 8 inches of the ground. Heavy pruning at planting has one big advantage with shrubs that are inclined to be scraggly. It causes the development of a more compact specimen.

Shrubs which are grown mainly for their winter twig effect should be pruned just before growth starts, by cutting out all wood over a year old each spring. Those that are grown mostly for their foliage effect may also be pruned in the spring, except for the slow conservative growers, and they need only an occasional thinning out of the very old poorly placed branches.

Shrubs with ornamental fruits, as well as flowers, should not be pruned until the fruit has withered or gone, and then cut but sparingly, to preserve the following year's crop of flowers and fruits.

Rejuvenating Old Shrubs

Old shrubs which have not been pruned for a number of years may be completely pruned at one time, but will be unattractive for a season or two. It is advisable to cut about one-third of the oldest branches to the ground each season. In this way the shrub can be completely rejuvenated in a few years' time without any severe hardship to the shrub or to the landscape effect.

Planting Calendar for Bulbs

Bulb	Time to Plant	Depth to Plant in Inches
Calochortus	November	2-3
Chionodoxa	September—October	3
Colchicum	Early August	2
Crocus	August—September—October	3-4
Eranthis	August	3
Erythronium	September	3-4
Fritillaria	September	2-3
Galanthus	August	2
Hyacinth	September	6-7
Iris (bulbous)	September—October	3-4
Leucojum	September—October	4-5
Lilium auratum	November—December	10-12
Lilium batemannioe	November	6
Lilium candidum	August—September	2-3
Lilium canadense	November	10
Lilium chalcedonicum	October—November	4
Lilium elegans	November	5
Lilium hansonii	November	6
Lilium henryi	November—December	10
Lilium martagon	October—November	4
Lilium regale	November	8
Lilium speciosum	November—December	10
Lilium superbum	November	5
Lilium tenuifolium	October—November	4
Lilium tigrinum	November	9
Muscari	September—October	2-3
Narcissus	September	4-8
Ornithogalum	September	2-3
Scilla	September—October	2-3
Tulip	October—November	5-6

Conditions of Sale

Orders Are Accepted Subject to prior sale, and to condition of stock at delivery date, under the following terms.

Goods in Transit—All goods are at purchaser's risk after they are delivered to the forwarding companies and we receive their receipt for the shipment in good condition.

Claims must be made within **five days** after receipt of goods.

Prices in this catalogue cancel all previous lists and quotations, are subject to change without notice and they are F.O.B. our nurseries, packing extra. The price columns indicate the unit price for each plant. The **ten** rate applies to purchases of 5 to 24 plants of same size and variety. The **hundred** rate applies to purchases of 25 or more plants of same size and variety.

Terms Cash—For customers of established credit accounts will be opened due in 30 days from date of invoice. Interest at six per cent (6%) per year will be charged on all accounts from due date. Orders for C.O.D. shipment must be accompanied by one-third of the amount.

Special Selection—Plant materials specially selected at the nursery will be sold at prices commensurate with the value of the specimens chosen, irrespective of the listed prices.

Ball and Burlap—The specification "B&B" in this list signifies digging with a ball of earth, which, where indicated, is included in the price. For digging all other items (not specified B&B) in this manner, there is an additional charge based upon the dimensions of the earth ball as follows:

9" diam.....\$.35	21" diam.....\$ 2.75	42" diam.....\$13.00
12" diam..... .50	24" diam..... 4.00	48" diam..... 17.50
15" diam..... 1.00	30" diam..... 6.00	54" diam..... 24.00
18" diam..... 1.75	36" diam..... 9.00	60" diam..... 32.50

Platforms, as part of our equipment, are to be returned.

SCHEDULE OF DELIVERY CHARGES

Amt. of Order on one delivery	First Zone 1-15 miles	Second Zone 15-30 miles	Third Zone 30-50 miles
\$1,000 or more	Free.....	Free.....	Free.....
\$500 to \$999	Free.....	Free.....	Free.....
\$300 to 499	Free.....	Free.....	5% of order..
\$100 to 299	Free.....	5% of order..	8% of order..
Less than \$100	\$3.00.....	\$5.00.....	\$8.00.....
Amt. of Order on one delivery	Fourth Zone 50-75 miles	Fifth Zone 75-100 miles	Additional information on special deliveries given on request.
\$1,000 or more	Free.....	5% of order..	
\$500 to \$999	5% of order..	8% of order..	
\$300 to 499	8% of order..	10% of order	
\$100 to 299	10% of order.	Ship.....	
Less than \$100	\$10.00.....	Ship.....	

Delivery Dates are made subject to enforced delay caused by weather or other conditions beyond our control.

BOXING CHARGES

Length	12x15"	15x16"	17x20"	19x24"	23x28"	27x32"	31x36"
4'	.75	1.00	1.25	1.50	1.75	2.00	2.50
6'	1.00	1.25	1.50	1.75	2.00	2.50	2.75
8'	1.25	1.50	1.75	2.00	2.50	2.75	3.25
10'	1.75	2.50	2.75	3.25	3.50	4.00	4.50
12'		3.00	3.25	3.50	4.00	5.00	5.50
14'			3.75	4.00	4.25	5.50	6.00

Index

A

Abelia	2
Abies	2
Acanthopanax	2
Acer	3, 4
Actinidia	4
Adam's Needle	92
Aesculus	4, 5
Akebia	5
Allium	94
Almond, Flowering	61
Alpine Savory	97
Alpine Sow Bread	100
Alyssum	94
Amaryllis	108
Amelanchier	5
Amorpha	5
Ampelopsis	5, 6
Amygdalus	6
Andromeda	58
Androsace	94, 101
Anemone	95
Angelica	95
Aralia	2
Arbor-Vitae	81-84
Arbutus	28, 108
Arctic Daisy	98
Arctostaphylos	6
Armeria	113
Arrowwood	89
Ash, Mountain	73
Aster	96, 97, 114
Astilbe	97
Aubretia	97
Avens	102
Azaleamums	98
Azaleas	6, 7, 8, 9

B

Baby's Breath	103
Bald Cypress	77
Balloon Flower	110
Balm	108
Barberry	10, 11, 12
Barrenwort	101
Basswood	85
Bayberry	52
Beach Plum	61
Bearberry	6
Beard Tongue	109
Beauty Berry	14
Beauty Bush	43
Beebalm	108
Beech	30
Bellflower	97, 98
Benzoin	10
Berberis	10-12
Betula	12
Bignonia	13
Birch	12
Bittersweet	15
Blackberry Lily	97
Blackeyed Susan	112
Blackhaw	90

Bladdernut	74
Bladder Senna	19
Blanket Flower	102
Bleeding Heart	101
Bloodroot	112
Bluebell	108
Blueberry	88
Blue Lily Grass	95
Blue Stem Grass	102
Boltonia	97
Boston Ivy	5
Bottlebush Buckeye	5
Boxwood	13
Bridal Wreath	73
Broom	26, 31, 102
Brunnera	97
Buckthorn	66
Buddleia	13
Bufus	13
Bugbane	99, 100
Bugle	94
Bugloss	94, 97
Bunchberry	19, 100
Burnet	112
Bush Clover	43
Butterfly Bush	13
Butterfly Weed	96
Buttonbush	15

C

Callicarpa	14
Calluna	14
Calycanthus	14
Camomile	95
Campion	113
Candytuft	104, 105
Canterbury Bells	98
Cardinal Flower	107
Carpinus	14
Caryopteris	14
Catchfly	108, 113
Catnip	108
Cedar	14, 15, 40-42
Cedrus	14, 15
Celastrus	15
Centaurea	98
Cephalanthus	15
Cercidiphyllum	15
Cercis	15
Chamaecyparis	15-18
Chaste Tree	91
Cherries, Flowering	61-63
Cherry Laurel	43
Chimaphila	18
Chinese Buckeye	92
Chinese Fleece Vine	60
Chinese Scholar Tree	72
Chinese Winterhazel	21
Chionanthus	18
Chive	94
Chokeberry	6
Christmas Berry	54
Christmas Rose	103
Chrysanthemum	98, 99
Cinquefoil	61, 111

Cladrastis	18
Clematis	18, 19
Clethra	19
Coffee Tree	32
Columbine	95-96, 113
Colutea	19
Coneflower	101, 112
Coral Bells	104
Coralberry	75
Coreopsis	100
Cork Tree	53
Cornelian Cherry	20
Cornflower	98
Cornus	19-21
Corylopsis	21
Cotoneaster	21-23
Crab Apples	49-52
Cranberry	88-90
Cranesbill	102
Crataegus	23-25
Crown Vetch	100
Cryptomeria	25
Cup and Saucer	98
Cyclamen	100
Cydonia	25, 26
Cypress	15, 18, 77
Cytisus	26

D

Dames Rocket	104
Daphne	27
Day Lily	103, 104
Deutzia	27
Diervilla	27
Dittany	109
Dogwood	19-21
Douglas Fir	64
Dragonhead	101
Dutchman's Breeches	101
Dwarf Wirevine	108

E

Edelweiss	107
Elaeagnus	28
Elder	72
Elm	87-88
Elsholtzia	28
Enkianthus	28
Epigaea	28
Epaulette Tree	64
Erica	28
Euonymus	28, 29
Exochorda	29

F

Fagus	30
Fir	2, 64
Firethorn	64
Flax	107
Fleabane	101
Forget-me-not	108
Forsythia	31
Fumitory	100
Foxglove	101

G

Gas Plant	101
Gayfeather	107

Genista	31, 32
Gentian	102
Geranium	102, 109
Geranium Creeper	6
Germander	81, 114
Ghost Plant	96
Ginkgo	32
Globe Flower	42, 114
Globe Thistle	101
Golden Bell	31
Golden Chain	43
Golden Larch	64
Golden Star	99
Golden Sun	94
Golden Tuft	94
Gold Flower	34, 104
Goldmoss	113
Great Silver Bell	32
Gromwell	45, 107
Gum, Sweet	44
Gumi-Cherry	28
Gymnocladus	32
Gypsophila	103

H

Hawthorn	23-25
Heath	28
Heather	14
Heliopsis	103
Hemlock	86-87
Hepatica	104
Heronbill	102
Hoarhound	108
Holly	35-37
Holly Grape	49
Hollyhock	94
Honeysuckle	27, 45, 46
Hornbeam	14
Horsechestnut	4
Houseleek	113
Hydrangea	34
Hydrangea Vine	72
Hyssop	104
Halesia	32
Hamamelis	32, 33
Harebell	98
Hawkweed	104
Hedera	33
Helebore	103
Helenium	103
Hibiscus	33, 34
Hypericum	34

I

Ilex	35-37
Indigo	37, 97
Indigofera	37
Inkberry	36
Inula	105
Iris	105, 106
Ivy	5, 33

J

Jacob's Ladder	111
Japanese Maple	3
Jasmine	37, 95
Jetbead	69
Juniper	37-42

K

Kalmia	42
Katsura Tree	15
Kentucky Coffee Tree	32
Kerria	42
Koelreuteria	43
Kolkwitzia	43

L

Laburnum	43
Ladies' Mantle	94
Lady Slipper	100
Larkspur	100
Laurel	42, 43
Laurocerasus	43
Lavender	107, 112
Lead Plant	5
Leadwort	111
Leiophyllum	43
Lemon Lily	103
Leopardbane	101
Lespedeza	43
Leucothoe	43, 44
Ligustrum	44
Lilac	76
Lily Leek	94
Lily of the Valley	100
Lilies	107
Lindens	85
Liquidambar	44
Liriodendron	44
Lithospermum	45
Lobelia	107
Lonicera	45, 46
Loose Strife	108
Lupine	107, 108
Lungwort	112

M

Mahonia	49
Magnolia	47-49
Maidenhair Tree	32
Malus	49-52
Maple	3, 4
Marjoram	109
Mazus	108
Meadowrue	114
Michaelmas Daisy	96, 97
Milkwort	111
Mint	108
Mint Shrub	28
Mistflower	102
Mitchella	52
Mock Orange	53, 54
Monkshood	94
Monkshood Vine	5
Moss Pink	110
Mountain Ash	73
Mountain Fringe	96
Mountain Laurel	42
Myrica	52
Myrtle	43, 91, 115

N

Nannyberry	89
Navelwort	108
Neillia	52

Ninebark	54
Nyssa	52

O

Oaks	65
Ocone-Bells	113
Oxydendrum	53

P

Pachistima	53
Painted Lady	112
Partridge Berry	52, 108
Peach, Flowering	6
Pearl Bush	29
Pachysandra	53
Pasque Flower	95
Pentstemon	109
Pennyroyal	108
Peony	109
Pepper Bush	19
Periwinkle	91, 115
Phyllodendron	53
Philadelphus	53, 54
Phlox	109, 110
Photinia	54
Physocarpus	54
Picea	54-58
Pieris	58
Pinus	58-60
Pine	58-60, 72
Pink Bells	104
Pinks	100, 101
Pipsissewa	18
Plane Tree	60
Plantain Lily	104
Platanus	60
Plum, Double Flowering...	63
Plum, Purple Leaf	61
Polemonium	111
Polygonum	60
Populus	61
Poplar	61
Poppies	109, 114
Potentilla	61
Primrose	111
Privet	44
Prunus	61-63
Pseudolarix	64
Pseudotsuga	64
Pterostyrax	64
Purple Fringe	69
Pussytoes	95
Pyracantha	64

Q

Quince, Flowering	25-26
Quercus	65

R

Rampion	110
Red Bud	15
Red Hot Poker	107
Rhamnus	66
Rhododendron	66-69
Rhodora	66
Rhodotypos	69
Rhus	69
Robinia	69
Rock Cress	96, 97

Rose Acacia	69
Rosemallow	104
Rosemary	112
Rose of Sharon	33, 34
Roses	70, 71
Roulet's Rose	71
Rowan Tree	73
Rue	112

S

Sage	112
Salix	72
Salvia	112
Sambucus	72
Sand Myrtle	43
Sandwort	96
Santolina	112
Savory	97, 112
Saxifrage	112
Scabiosa	112
Schizophrozma	72
Sciadopitys	72
Sea Lavender	107
September Daisy	99
Shadblow	5
Shasta Daisy	99
Shooting Star	101
Silver Bell	32
Skirret	113
Smoke Tree	69
Snakebeard	107, 109
Snowball	90
Snowbell	75
Snowberry	75
Snow in Summer	98
Sneezeweed	103
Soapwort	112
Sophora	72
Sorbaria	73
Sorbus	73
Sorrel Tree, Sourwood ...	53
Sour Gum	52
Speedwell	115
Spicebush	10
Spirea	14, 73, 74, 98
Spruce	54-58
Spurge	53, 102, 109
Staphylea	74
Stephandra	74
St. Johnswort	34
Stewartia	74
Stokesia	114
Stonecress	94
Stonecrop	113
Stranvaesia	74
Styrax	75
Sweet Cecily	108
Sycamore	60
Symphocarpus	75
Symplocos	75
Syringa	76
Sumach	69
Summer Sweet	19
Sundrops	108
Sunrose	103
Sweetbrier	71
Sweet Gum	44
Sweet Shrub	14

T

Tansy	114
Tarragon	96
Taxodium	77
Taxus	77-80
Teucrium	81
Thoroughwort	102
Thrift	113
Thuja	81-84
Thyme	114
Tilia	85
Toadflax	107
Toad Lily	114
Torchlily	107
Trailing Arbutus	28, 101
Trefoil	107
Trillium	114
Trumpet Vine	13
Tsuga	86, 87
Tulip Tree	44
Tunic Flower	114
Tupelo	52
Turquoise Berry	75
Twin Flower	107
Twinleaf	107

U

Ulmus	87, 88
Umbrella Pine	72

V

Vaccinium	88
Varnish Tree	43
Verbena	114
Viburnum	88-91
Vinca	91, 115
Viola	115
Violet	115
Vitex	91

W

Wallflower	98
Wayfaring Tree	89
Weigela	91
White Cup	108
White Fringe	18
Whitlow Grass	101
White Rocket	104
Willow	72
Winterberry	36, 37
Wintercreeper	29
Wirevine	108
Wisteria	92
Witchhazel	32, 33
Witherod	89
Woodbine	5, 46
Wormwood	96
Woodwaxen	31, 32
Woodruff	96

X

Xanthoceras	92
-------------------	----

Y

Yarrow	94
Yellow Root	92
Yellow Wood	18
Yew	77-80
Yew Hedges	80
Yucca	92

Z

Zanthorhiza	92
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Memoranda

